2024 PRODUCT CATALOG

www.cyntec.com

cyntec

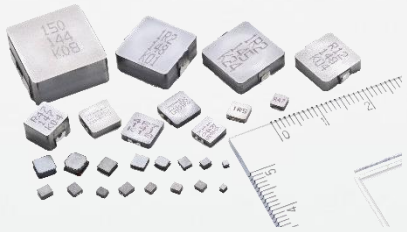
MAKING THINGS SMALLER AND SMARTER

ABOUT CYNTEC

Cyntec has been developing miniaturized components with high level of integration since 1992. Using our advanced design and processing technologies, we have established four technology platforms for passive components, sensors, high frequency RF components, and power modules. At Cyntec we do widely use combinations of substrate materials (ceramic, glass, silicon material, etc…) and processing technologies (photolithography, thick film technologies) to produce passive components such as chip resistors, resistor arrays and current sensors which provide the best design and performance solutions for the computer and communication product.

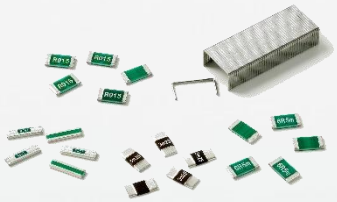
At Cyntec, we are committed to the continuous improvement on the quality and reliability of our products. We strive to do things right at the first time, creating higher value for our customers. In the initial stages of the product development, Cyntec utilizes computer aided design tools and techniques for the circuit design layout, modeling and simulation, as well as to carry out stringent reliability tests. Cyntec has received ISO9001 & ISO/TS 16949 international certification in recognition of our outstanding system and product quality, confirmed by the approvals and endorsements shown from several domestic and international Fortune 500 companies. Otherwise, we also received ISO 14001, OHSAS 18000, and IECQ QC080000 to represent our deeply environment consciousness.

Cyntec product line:



Power Choke

Power Module



Chip Resistor

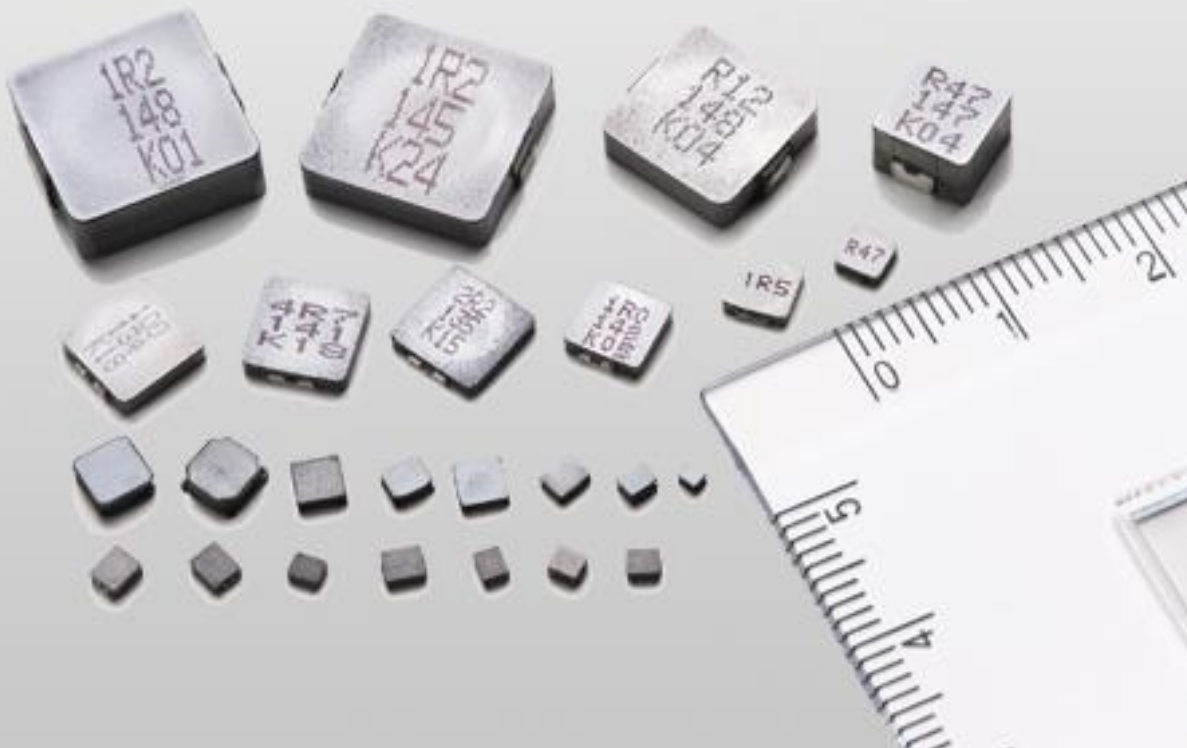
Current sensing resistor

PT Sensor

POWER CHOKE

Cyntec developed three types of power choke, sealed, molded, and assembly type that can deliver space-saving and high efficiency products to our customer. In Cyntec Power choke is a representation product, the capacity is over 1200 million in one month and widely used in computer, smartphone, LED Lighting, and Automotive.

Cyntec's provided different features depend on processing type. Sealed power choke characterized with low applied current, low profile, and low DCR. It's miniaturization size down to 1.25mmx1.0mmx1.0mm that helped to save space. Molding power choke provides customers with low profile product which decrease thickness to 1.2mm. Otherwise, it featured high saturated current, low eddy current, high power density, and low DCR. Assembly power choke featured low eddy current, high applied current, high power density, and low DCR.



PART NUMBERING

①	②	③	-	④	⑤	⑥
SDED	2016	1T	-	R47	M	S

① Series No

② SIZE (L*W) : 2016=2.0mm*1.6mm

CODE	2016	2520	03	04	05
Dimension	2.0*1.6	2.5*2.0	3.0*3.0	4.0*4.0	5.0*5.0
CODE	**06**	**07**	**10**	**13**	**17**
Dimension	6.0*6.0	7.0*7.0	10.0*10.0	13*13	17*17

③ SIZE (T) : 1T=1.0mm ; 2B=2.2mm

CODE	T	B	D	E	H
Dimension	0.0	0.2	0.4	0.5	0.8

④ Inductance value:

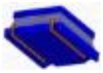
3 Types:

TYPE	1		2		3		4		5
CODE	R47	R50	1R0	2R2	100	220	101	201	102
Inductance value	0.47	0.50	1.0	2.2	10.0	22.0	100.0	200.0	1000.0

⑤ Tolerance: M=± 20%

⑥ Materials Type

SPECIFICATION NOTE

TYPE	SPECIFICATION NOTE
High Performance type	** ： Inductance Tolerance ± 20% **Note 1.**: All test data is referenced to 25℃ ambient. **Note 2.:** Test Condition:1MHz, 1.0Vrms **Note 3.:** Idc : DC current (A) that will cause an approximate △T of 40℃ **Note 4:** Isat : DC current (A) that will cause Lo to drop approximately 30% **Note 5.:** Operating Temperature Range -55℃ to + 125℃ **Note 6.:** The part temperature (ambient + temp rise) should not exceed 125℃ under worse case operating conditions. Circuit design , component placement, PWB trace size and thickness, airflow and other cooling provision all affect the part temperature. Part temperature should be verified in the end application. **Note 7.:** The rated current as listed is either the saturation current or the heating current depending on which value is lower.
Sealed type 	**: Inductance Tolerance ± 20% **Note 1:** All test data is referenced to 25℃ ambient. **Note 2:** Idc : DC current (A) that will cause an approximate △T of 40℃ **Note 3:** Isat : DC current (A) that will cause Lo to drop approximately 30% **Note 4:** Operating Temperature Range -55℃ to + 125℃ **Note 5:** The part temperature (ambient + temp rise) should not exceed 125℃ under worse case operating conditions. Circuit design, component placement, PWB trace size and thickness, airflow and other cooling provision all affect the part temperature. Part temperature should be verified in the end application. **Note 6:** The rated current as listed is either the saturation current or the heating current depending on which value is lower.
Molded type	
Assembly type	**: Inductance Tolerance ± 20% **Note 1:** The rated current as listed is either the saturation current or the heating current depending on which value is lower. **Note 2:** The nominal DCR tolerance is by design. The nominal DCR is measured from point *a* to point *b*, as shown below on the mechanical drawing. **Note 3:** The saturation current is the typical current which causes the inductance to drop by 20% at the stated ambient temperature(25℃). This current is determined by placing the component in the specified ambient environment and applying a short duration pulse current (to eliminate self-heating effects) to the component. **Note 4:** The heating current is the DC current which causes the part temperature to increase by approximately 40 ℃. This current is determined by soldering the component on a typical application PCB, and then applying the current to the device for 30 minutes without any forced air cooling. **Note 5:** In high volt*time applications, additional heating in the component can occur due to core losses in the inductor which may necessitate decreasing the current in order to limit the temperature rise of the component. To determine the approximate total losses (or temperature rise) for a given application, the core loss and temperature rise curves can be used. **Note 6:** Cyntec complies to industry standard tape and reel specification EIA481.

SERIES PRODUCT SPECIFICATION

1210 SERIES

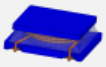
HTEK1210F (1.2*1.0*0.6 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEK12100F-R47MSR	0.47	60	72	2.3	2.1	2.5	2.3

HTET1210FE (1.2*1.0*0.65 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTET1210FE-2R2MSR	2.2	260	325	1.1	1.0	1.1	1.0

SDEB12101T (1.2*1.0*1.0 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
SDEB12101T-R22MSD	0.22	50	60	1.90	1.71	2.40	2.16
SDEB12101T-R47MSD	0.47	80	96	1.55	1.40	1.55	1.40
SDEB12101T-1R0MSD	1.0	167	201	1.05	0.95	1.15	1.04
SDEB12101T-1R5MSD	1.5	230	276	0.90	0.81	0.82	0.74
SDEB12101T-2R2MSD	2.2	281	338	0.83	0.75	0.68	0.61
SDEB12101T-3R3MSD	3.3	430	516	0.58	0.52	0.52	0.47
SDEB12101T-4R7MSD	4.7	623	748	0.48	0.43	0.46	0.41
SDEB12101T-100MSD	10.0	1,250	1,500	0.36	0.32	0.35	0.32

1412 SERIES

HTEL1412FE (1.4*1.2*0.65 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEL1412FE-R33MSR	0.33	26	32	3.3	3.0	5.5	5.0
HTEL1412FE-R47MSR	0.47	35	42	2.9	2.6	3.3	3.0

1608 SERIES

HTEB16080F (1.6*0.8*0.6 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEB16080F-1R0MSR	1.0	283	318	1.0	0.9	1.50	1.35
HTEB16080F-1R5MSR	1.5	420	480	0.8	0.7	1.00	0.90

HTEK1608FE (1.6*0.8*0.65 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEK1608FE-R47MSR	0.47	70	80	2.0	1.8	2.8	2.52
HTEK1608FE-1R0MSR	1.0	135	160	1.5	1.3	2.0	1.8

HTEH16080H (1.6*0.8*0.8 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEH16080H-R24MSDR	0.24	19	24	4.9	4.3	4.7	4.2
HTEH16080H-R24MSR	0.24	22	26	3.9	3.5	4.9	4.4
HTEH16080H-R47MSR	0.47	36	43	3.3	3.0	3.4	3.1
HTEH16080H-R56MSR	0.56	50	60	2.5	2.2	3.0	2.7
HTEH16080H-1R0MSR	1.0	95	110	2.0	1.8	2.3	2.1
HTEH16080H-2R2MIR	2.2	241	290	1.1	1.0	1.3	1.2

HTEK16080H (1.6*0.8*0.8 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEK16080H-1R0MSR	1.0	118	142	2.0	1.7	2.3	2.0

HTEL16080H (1.6*0.8*0.8 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEL16080H-R47MIR	0.47	34	41	3.4	3.1	4.7	4.2
HTEL16080H-1R0MSR	1.0	75	90	2.2	2.0	2.5	2.3

VCTB16081T (1.6*0.8*1.0 mm) (Automotive-Grade)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
VCTB16081T-R47MS6	0.47	56.0	68.0	3.3	3.0	3.3	3.0

2012 SERIES

HTEB20120F (2.0*1.2*0.6 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEB20120F-1R0MDR	1.0	170	200	1.10	1.00	1.90	1.71

HTEL2012FE (2.0*1.2*0.65 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEL2012FE-R47MSR	0.47	28	34	3.7	3.4	5.0	4.5

HTEH2012FE (2.0*1.2*0.65 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEH2012FE-2R2MSR	2.2	175	210	1.4	1.3	1.4	1.3

HTEG2012FE (2.0*1.2*0.65 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEG2012FE-1R0MDR	1.0	85	100	2.5	2.2	2.4	2.1
HTEG2012FE-1R5MDR	1.5	150	180	1.6	1.4	1.8	1.6

HTEG20120G (2.0*1.2*0.7 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max

HTEG20120G-1R0MDR	1.0	82	98	2.5	2.3	2.4	2.2

HTEH20120H (2.0*1.2*0.8 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEH20120H-R11MSTR	0.11	10	12	6.1	5.5	7.5	6.8
HTEH20120H-R33MSTR	0.33	20	25	4.5	3.9	5.5	5.0
HTEH20120H-R33MSR	0.33	23	28	4.2	3.8	5.5	5.0
HTEH20120H-R47MSR	0.47	26	33	3.9	3.7	4.8	4.3
HTEH20120H-1R0MSR	1.00	45	55	3.5	3.2	3.8	3.3
HTEH20120H-2R2MSR	2.20	90	110	1.8	1.6	2.1	1.9

HTEL20120H (2.0*1.2*0.8 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEL20120H-R33MSDR	0.33	21	25	4.5	4.1	6.0	5.4
HTEL20120H-R47MSR	0.47	20	25	4.4	4.0	5.3	4.8

HTEP20120H (2.0*1.2*0.8 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEP20120H-R24MSR	0.24	17	19	5.3	5.0	7.2	6.5
HTEP20120H-R47MSR	0.47	25	29	3.9	3.7	4.8	4.3
HTEP20120H-1R0MSR	1.00	42	50	3.5	3.1	3.8	3.3
HTEP20120H-1R0MIR	1.00	75	90	2.3	2.1	4.0	3.6

HMLQ20121T (2.0*1.2*1.0 mm)

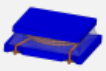
	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HMLQ20121T-R47MXR	0.47	40	48	2.8	2.5	4.1	3.8
HMLQ20121T-1R0MXR	1.0	100	120	1.8	1.6	2.3	2.1

HTEH20121T (2.0*1.2*1.0 mm)

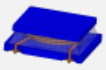
	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	

Part Number		Typical	Max	Typical	Max	Typical	Max
HTEH20121T-R11MSR	0.11	11	13	6.1	5.5	7.5	6.8
HTEH20121T-R24MSIR	0.24	17	20	5.3	4.7	7.3	6.6
HTEH20121T-R24MSR	0.24	17	20	5.3	4.7	6.2	5.6
HTEH20121T-R47MSR	0.47	21	25	4.6	4.2	5.1	4.6

SDEK20121T (2.0*1.2*1.0 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
SDEK20121T-4R7MS	4.7	545	654	0.70	0.63	0.80	0.72

SDER20121T (2.0*1.2*1.0 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
SDER20121T-R68MS	0.68	50	60	2.00	1.80	1.70	1.50
SDER20121T-4R7MS	4.7	425	510	0.80	0.72	0.60	0.55
SDER20121T-100MS	10	817	980	0.48	0.43	0.40	0.36

2016 SERIES

HTEH20160F (2.0*1.6*0.6mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEH20160F-2R2MSR	2.2	187	224	1.5	1.3	2.2	2.0

HTEG2016FE (2.0*1.6*0.65mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEG2016FE-R47MDR	0.47	42	50	3.6	3.2	4.4	4.0

HMLQ20160H (2.0*1.6*0.8 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	

Part Number		Typical	Max	Typical	Max	Typical	Max
HMLQ20160H-1R0MDR	1.0	83	96	2.7	2.4	2.9	2.6
HMLQ20160H-2R2MDR	2.2	170	200	1.8	1.6	2.0	1.8

HTEG20160H (2.0*1.6*0.8mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEG20160H-1R0MDR	1.0	50	60	3.1	2.8	3.6	3.2

HTEH20160H (2.0*1.6*0.8mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEH20160H-R24MIR	0.24	16.5	20.0	5.7	5.2	7.4	6.7
HTEH20160H-R47MSR	0.47	20.0	24.0	4.9	4.5	5.2	4.7
HTEH20160H-1R0MSR	1.0	29.0	35.0	4.4	4.0	4.0	3.6
HTEH20160H-2R2MSR	2.2	75.0	90.0	2.6	2.3	2.9	2.7
HTEH20160H-2R2MSTR	2.2	80.0	100.0	2.6	2.4	3.3	3.0

HTEK20160H (2.0*1.6*0.8mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEK20160H-R47MSR	0.47	24	27	4.5	4.3	4.7	4.4
HTEK20160H-2R2MSR	2.2	84	100	2.4	2.1	2.9	2.7

HTEX20160H (2.0*1.6*0.8mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEX20160H-4R7MDR	4.7	310	375	1.4	1.2	1.5	1.3

HMLQ20161T (2.0*1.6*1.0 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HMLQ20161T-R24MDR	0.24	18	23	5.10	4.50	6.70	6.10

HMLQ20161T-R33MDR	0.33	21	26	4.80	4.40	5.70	5.20
HMLQ20161T-R47MDR	0.47	26	32	4.40	4.05	4.90	4.50
HMLQ20161T-R68MDR	0.68	40	50	3.40	3.10	4.60	4.00
HMLQ20161T-1R0MDR	1.0	49	59	3.20	3.00	3.90	3.65
HMLQ20161T-1R5MDR	1.5	99	109	2.35	2.05	3.00	2.70

HTEH20161T (2.0*1.6*1.0 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEH20161T-R24MSR	0.24	13	19	6.2	5.3	8.0	7.2
HTEH20161T-R33MSR	0.33	17	20	5.5	5.0	7.0	6.4
HTEH20161T-R47MSR	0.47	18	22	5.4	4.8	6.3	5.8
HTEH20161T-1R0MSR	1.0	27	36	4.8	4.3	4.8	4.2
HTEH20161T-2R2MSR	2.2	58	75	3.0	2.7	3.3	2.9

HTEK20161T (2.0*1.6*1.0 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEK20161T-R24MSR	0.24	16.5	20.0	5.7	5.2	7.2	6.5
HTEK20161T-R47MSR	0.47	18.0	22.0	5.4	4.8	6.0	5.5
HTEK20161T-1R0MSR	1.0	35.0	43.0	4.5	4.1	4.6	4.2
HTEK20161T-2R2MSR	2.2	73.0	87.0	2.8	2.5	3.0	2.7

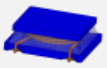
HTEY20161T (2.0*1.6*1.0 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEY20161T-1R0MSRG	1.0	29	35	4.2	3.8	4.0	3.6

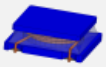
HTEX20161T (2.0*1.6*1.0 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEX20161T-4R7MDR	4.7	210	250	1.5	1.3	1.9	1.7
HTEX20161T-100MDR	10.0	580	700	0.7	0.6	0.9	0.8

SDEM20161T (2.0*1.6*1.0 mm)

 Part Number	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
		Typical	Max	Typical	Max	Typical	Max
SDEM20161T-R24MS	0.24	20	24	5.0	4.50	6.1	5.50
SDEM20161T-R33MS	0.33	27	32	4.0	3.60	4.6	4.10
SDEM20161T-R47MS	0.47	34	41	3.5	3.00	4.4	3.90
SDEM20161T-R68MS	0.68	46	55	3.2	2.80	3.7	3.30
SDEM20161T-1R0MS	1.0	60	72	2.7	2.40	3.15	2.70
SDEM20161T-1R5MS	1.5	100	120	2.4	2.16	2.7	2.43
SDEM20161T-2R2MS	2.2	134	159	1.8	1.60	1.9	1.70
SDEM20161T-3R3MS	3.3	255	306	1.2	1.08	1.5	1.35
SDEM20161T-4R7MS	4.7	355	426	1.1	1.00	1.4	1.26
SDEM20161T-6R8MS	6.8	532	639	0.8	0.72	1.15	1.05
SDEM20161T-100MS	10.0	840	1,010	0.7	0.63	0.8	0.72

SDED20161T (2.0*1.6*1.0 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
SDED20161T-R47MS	0.47	47	57	2.85	2.56	3.00	2.70
SDED20161T-1R0MS	1.0	87	107	1.70	1.50	2.00	1.80
SDED20161T-1R5MS	1.5	137	164	1.60	1.44	1.65	1.50
SDED20161T-2R2MS	2.2	192	230	1.35	1.22	1.45	1.31
SDED20161T-3R3MS	3.3	243	292	1.05	0.95	1.05	0.95
SDED20161T-4R7MS	4.7	322	387	0.95	0.85	0.95	0.80
SDED20161T-6R8MS	6.8	610	732	0.62	0.56	0.80	0.72
SDED20161T-100MS	10.0	932	1,119	0.47	0.42	0.62	0.55
SDED20161T-150MS	15.0	1,580	1,895	0.42	0.38	0.50	0.45
SDED20161T-220MS	22.0	2,365	2,838	0.37	0.33	0.45	0.40

HMLE20161B (2.0*1.6*1.2 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HMLE20161B-R22MDR	0.22	13	16	5.30	4.77	5.80	5.20
HMLE20161B-R47MDR	0.47	29	35	4.20	3.80	4.40	3.60
HMLE20161B-1R0MDR	1.0	48	58	2.70	2.35	3.34	3.00
HMLE20161B-1R5MDR	1.5	89	104	2.20	2.00	2.60	2.20

HMLQ20161B (2.0*1.6*1.2 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HMLQ20161B-R47MDR	0.47	20	26	5.10	4.60	5.80	5.00
HMLQ20161B-1R0MDR	1.0	45	55	3.40	3.00	4.25	3.85

HTEG20161B (2.0*1.6*1.2 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEG20161B-R47MDR	0.47	17	20	5.6	5.1	6.6	6.0

HTEL20161B (2.0*1.6*1.2 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEL20161B-2R2MSR	2.2	52	65	3.1	2.8	3.3	3.0

HTET20161B (2.0*1.6*1.2 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTET20161B-6R8MSR	6.8	230	275	1.4	1.2	1.4	1.2

VCTA20161B (2.0*1.6*1.2 mm) (Automotive-Grade)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
VCTA20161B-R10MS6	0.10	5.0	9.0	9.0	6.5	10.0	9.0
VCTA20161B-R15MS6	0.15	11.0	14.0	7.9	7.1	11.7	10.0
VCTA20161B-R22MS6	0.22	15.0	18.0	5.8	5.2	7.7	6.6
VCTA20161B-R24MS6	0.24	14.0	17.0	5.5	5.0	6.6	6.0
VCTA20161B-R33MS6	0.33	19.0	23.0	4.7	4.2	5.9	5.1
VCTA20161B-R47MS6	0.47	21.0	25.0	4.5	4.0	5.4	4.8
VCTA20161B-R50MS6	0.50	25.0	30.0	4.2	3.8	4.7	4.0
VCTA20161B-R56MS6	0.56	29.0	35.0	4.0	3.6	4.4	3.8
VCTA20161B-R68MS6	0.68	31.0	40.0	3.9	3.4	4.1	3.6
VCTA20161B-1R0MS6	1.0	41.0	48.0	3.1	2.7	3.8	3.3
VCTA20161B-1R5MS6	1.5	67.0	80.0	2.5	2.3	3.2	2.8
VCTA20161B-2R2MS6	2.2	105.0	120.0	2.0	1.7	2.8	2.5
VCTA20161B-3R3MS6	3.3	210.0	250.0	1.3	1.2	1.8	1.5
VCTA20161B-4R7MS6	4.7	315.0	378.0	1.2	1.0	1.4	1.2
VCTA20161B-6R8MS6	6.8	560.0	670.0	0.8	0.7	1.1	1.0
VCTA20161B-100MS6	10.0	710.0	850.0	0.6	0.5	0.9	0.8

VCTD20161B (2.0*1.6*1.2 mm) (Automotive-Grade)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
VCTD20161B-R33MS6	0.33	15.2	18.0	6.1	5.5	7.8	6.5
VCTD20161B-R47MS6	0.47	18.3	22.0	5.7	5.1	6.0	5.4

VCUW20161B (2.0*1.6*1.2 mm) (Automotive-Grade)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
VCUW20161B-R24MS5	0.24	27.0	33.0	3.8	3.4	6.5	5.6
VCUW20161B-R47MS5	0.47	32.0	39.0	3.6	3.2	5.0	4.5
VCUW20161B-1R0MS5	1.0	78.0	94.0	2.2	2.0	3.5	3.2
VCUW20161B-1R5MS5	1.5	100.0	120.0	2.0	1.8	2.8	2.5
VCUW20161B-2R2MS5	2.2	140.0	168.0	1.8	1.6	2.4	2.1

2520 SERIES

HTEH25200H (2.5*2.0*0.8 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEH25200H-4R7MSR	4.7	150	180	2.0	1.8	1.7	1.5

HTEP25200H (2.5*2.0*0.8 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEP25200H-1R0MSR	1.0	27	32	4.3	3.9	4.8	4.3

HTEX25200H (2.5*2.0*0.8 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEX25200H-100MSR	10.0	590	710	0.90	1.0	1.10	1.30

HMLQ25201T (2.5*2.0*1.0 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HMLQ25201T-R33MSR	0.33	16	20	5.5	5.0	7.3	7.0
HMLQ25201T-R47MSR	0.47	19	25	4.3	3.7	5.6	5.0
HMLQ25201T-1R0MSR	1.0	44	53	3.7	3.4	5.0	4.3
HMLQ25201T-2R2MSR	2.2	89	102	2.4	2.2	3.4	3.0

HTEG25201T (2.5*2.0*1.0 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEG25201T-2R2MSR	2.2	55	65	2.9	2.6	3.2	2.9

HTEH25201T (2.5*2.0*1.0 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEH25201T-R47MSR	0.47	16.5	20.0	5.6	5.1	6.6	6.0
HTEH25201T-1R0MTR	1.0	21.0	26.0	5.7	5.2	5.5	5.0
HTEH25201T-1R0MSR	1.0	24.0	29.0	5.5	5.0	5.5	5.0
HTEH25201T-1R5MSR	1.5	35.0	42.0	4.0	3.6	4.0	3.6
HTEH25201T-4R7MSR	4.7	100	130	2.3	2.0	1.9	1.7

HTEK25201T (2.5*2.0*1.0 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEK25201T-R47MSR	0.47	19	23	6.1	5.7	7.8	7.0
HTEK25201T-1R0MSR	1.0	25	30	4.5	4.1	5.3	4.8

HTEL25201T (2.5*2.0*1.0 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEL25201T-R47MSDR	0.47	13	15	6.5	5.9	7.2	6.5

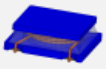
HTEX25201T (2.5*2.0*1.0 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEX25201T-4R7MSR	4.7	200	240	1.60	1.40	2.15	1.95
HTEX25201T-100MSR	10.0	500	575	1.05	0.95	1.40	1.30

HTEP25201T (2.5*2.0*1.0 mm)

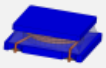
	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEP25201T-1R0MSR	1.0	18	25	5.7	5.2	5.5	5.0

SDEM25201T (2.5*2.0*1.0mm)

	L0 Inductance (uH)	DCR (mOhm)	Heat rating current, Idc (A)	Saturation current, Isat (A)

Part Number		Typical	Max	Typical	Max	Typical	Max
SDEM25201T-R24MS	0.24	19	23	4.60	4.30	7.00	6.30
SDEM25201T-R33MS	0.33	24	29	4.50	4.20	6.50	5.85
SDEM25201T-R47MS	0.47	29	35	4.00	3.60	5.50	5.00
SDEM25201T-R68MS	0.68	39	47	3.55	3.20	4.20	3.78
SDEM25201T-1R0MS	1.0	52	62	3.30	3.00	4.00	3.60
SDEM25201T-1R5MS	1.5	84	100	2.50	2.20	3.10	2.80
SDEM25201T-2R2MS	2.2	95	115	2.15	1.97	2.60	2.30
SDEM25201T-3R3MS	3.3	180	216	1.70	1.53	1.80	1.62
SDEM25201T-4R7MS	4.7	215	258	1.60	1.45	1.70	1.55
SDEM25201T-6R8MS	6.8	350	420	1.10	1.00	1.35	1.22
SDEM25201T-100MS	10.0	574	689	0.95	0.85	1.20	1.10
SDEM25201T-220MS	22.0	1,000	1,200	0.50	0.45	0.66	0.60

SDET25201T (2.5*2.0*1.0mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
SDET25201T-1R0MS	1.0	67	81	1.98	1.78	2.10	1.89
SDET25201T-1R5MS	1.5	95	114	1.70	1.53	1.80	1.62
SDET25201T-2R2MS	2.2	135	162	1.50	1.35	1.55	1.39
SDET25201T-3R3MS	3.3	207	249	1.2	1.04	1.3	1.17
SDET25201T-4R7MS	4.7	269	323	1.08	0.97	1.20	1.08
SDET25201T-6R8MS	6.8	404	485	0.81	0.73	0.85	0.77
SDET25201T-100MS	10.0	507	609	0.80	0.72	0.73	0.65

HMLQ25201B (2.5*2.0*1.2 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HMLQ25201B-R22MSR	0.22	8	10	7.40	6.60	7.70	7.00
HMLQ25201B-R33MSR	0.33	14	17	6.40	5.70	7.50	6.80
HMLQ25201B-R47MSR	0.47	21	27	4.70	4.20	6.40	5.70
HMLQ25201B-R68MSR	0.68	27	32	4.40	4.00	5.20	4.60
HMLQ25201B-1R0MSR	1.0	34	41	4.00	3.60	4.50	4.00
HMLQ25201B-1R5MSR	1.5	56	68	3.20	2.80	3.90	3.50
HMLQ25201B-2R2MSR	2.2	70	84	2.70	2.40	3.35	2.85
HMLQ25201B-3R3MSR	3.3	120	144	1.75	1.55	2.25	1.95

HTEG25201B (2.5*2.0*1.2 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEG25201B-2R2MIR	2.2	67	80	3.7	3.3	4.0	3.7

HTEH25201B (2.5*2.0*1.2 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEH25201B-2R2MTR	2.2	50	60	3.20	2.90	3.60	3.25

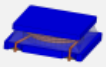
HTEL25201B (2.5*2.0*1.2 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEL25201B-R47MSR	0.47	11.0	13.5	6.7	6.0	7.7	7.0
HTEL25201B-1R0MSR	1.0	18.0	22.0	5.7	5.2	5.8	5.3

HTEX25201B (2.5*2.0*1.2 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEX25201B-100MSR	10.0	360	399	1.2	1.1	1.6	1.4

SDET25201B (2.5*2.0*1.2mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
SDET25201B-R47MS	0.47	24.0	28.5	3.70	3.35	3.90	3.50
SDET25201B-1R0MS	1.0	37.0	43.0	2.65	2.40	2.75	2.50
SDET25201B-1R5MS	1.5	63.0	72.0	2.30	2.07	2.35	2.12
SDET25201B-2R2MS	2.2	80.0	90.0	1.90	1.80	2.15	1.95
SDET25201B-3R3MS	3.3	140	155	1.50	1.35	1.70	1.60
SDET25201B-4R7MS	4.7	185	210	1.40	1.25	1.50	1.40
SDET25201B-100MS	10.0	359	408	0.90	0.81	0.87	0.80
SDET25201B-220MS	22.0	900	1,050	0.52	0.46	0.56	0.50

HMLE25201D (2.5*2.0*1.4 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HMLE25201D-2R2MSR	2.2	69	83	2.5	2.3	3.3	3.0
HMLE25201D-3R3MSR	3.3	105	128	1.9	1.7	2.4	2.1
HMLE25201D-4R7MSR	4.7	175	213	1.6	1.4	2.0	1.7

VCTA25201B (2.5*2.0*1.2 mm) (Automotive-Grade)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
VCTA25201B-R10MS6	0.10	9.0	11.0	7.7	7.0	12.8	11.0
VCTA25201B-R15MS6	0.15	10.6	12.8	6.5	5.8	10.2	8.7
VCTA25201B-R22MS6	0.22	11.2	13.5	6.3	5.7	9.0	8.0
VCTA25201B-R33MS6	0.33	16.0	20.0	5.4	4.8	8.9	8.0
VCTA25201B-R47MS6	0.47	21.0	26.0	4.7	4.0	6.5	5.6
VCTA25201B-R68MS6	0.68	30.0	37.0	4.1	3.5	5.3	4.8
VCTA25201B-1R0MS6	1.0	35.0	42.0	3.8	3.4	4.8	4.2
VCTA25201B-1R5MS6	1.5	50.0	60.0	3.1	2.7	3.9	3.3
VCTA25201B-2R2MS6	2.2	70.0	84.0	2.6	2.2	3.5	3.0
VCTA25201B-3R3MS6	3.3	115.0	140.0	2.0	1.8	2.7	2.3
VCTA25201B-4R7MS6	4.7	165.0	200.0	1.7	1.4	2.2	2.0
VCTA25201B-6R8MS6	6.8	330.0	400.0	1.2	1.0	1.8	1.6
VCTA25201B-100MS6	10.0	440.0	530.0	1.0	0.8	1.5	1.3

VCUW25201B (2.5*2.0*1.2 mm) (Automotive-Grade)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
VCUW25201B-R47MS5	0.47	21.0	26.0	4.7	4.0	6.5	5.6
VCUW25201B-R68MS5	0.68	30.0	36.0	4.0	3.6	5.2	4.8
VCUW25201B-1R0MS5	1.0	33.0	40.0	3.8	3.4	4.1	3.5
VCUW25201B-1R5MS5	1.5	58.0	72.0	2.9	2.6	3.9	3.3
VCUW25201B-2R2MS5	2.2	70.0	84.0	2.9	2.6	3.4	2.9
VCUW25201B-3R3MS5	3.3	150.0	180.0	1.6	1.4	2.6	2.3
VCUW25201B-4R7MS5	4.7	175.0	210.0	1.5	1.3	2.2	2.0
VCUW25201B-6R8MS5	6.8	320.0	385.0	1.1	1.0	1.9	1.7
VCUW25201B-150MS5	15.0	800.0	1000.0	0.6	0.54	1.4	1.2

3030 SERIES

HTEH32250H (3.2*2.5*0.8 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEH32250H-1R0MIR	1.0	36	43	4.4	4.0	6.2	5.5

HMLE32251T (3.2*2.5*1.0 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HMLE32251T-R33MS	0.33	15	18	5.6	5.0	6.7	6.0

HMLQ32251T (3.2*2.5*1.0 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HMLQ32251T-4R7MS	4.7	200	240	1.7	1.5	2.0	1.8

HMLE32251B (3.2*2.5*1.2 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HMLE32251B-R33MS	0.33	11	14	7.50	7.00	7.80	7.00
HMLE32251B-1R0MS	1.0	34	41	3.90	3.50	4.80	4.30
HMLE32251B-1R5MS	1.5	56	67	3.10	2.80	3.70	3.33

HMLQ32251B (3.2*2.5*1.2 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HMLQ32251B-R47MS	0.47	18	22	5.8	5.2	8.2	7.0
HMLQ32251B-1R0MS	1.0	34	41	4.9	4.4	5.5	5.0
HMLQ32251B-1R5MS	1.5	50	60	3.6	3.3	4.5	4.0
HMLQ32251B-2R2MS	2.2	70	85	3.2	2.9	4.0	3.6
HMLQ32251B-4R7MS	4.7	162	195	1.7	1.55	2.25	2.05

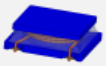
HTEK32251B (3.2*25*1.2 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEK32251B-1R0MSR	1.0	32	38	4.4	4.0	7.1	6.4

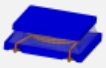
HTEP32251B (3.2*25*1.2 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HTEP32251B-1R0MIR	1.0	19	21	5.5	5.0	7.7	7.0

SDER031B (2.9*2.9*1.2mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
SDER031B-1R0MS	1.0	52	62	2.50	2.25	3.35	3.00
SDER031B-1R5MS	1.5	60	72	2.20	1.98	3.10	2.60
SDER031B-2R2MS	2.2	84	101	2.25	2.00	2.90	2.40
SDER031B-3R3MS	3.3	134	161	1.71	1.53	1.92	1.72
SDER031B-4R7MS	4.7	184	221	1.43	1.30	1.71	1.53
SDER031B-6R8MS	6.8	256	307	1.25	1.13	1.49	1.24
SDER031B-100MS	10.0	397	496	1.00	0.90	1.26	1.05
SDER031B-150MS	15.0	572	686	0.80	0.72	1.10	0.83
SDER031B-220MS	22.0	850	1,020	0.65	0.60	0.86	0.72
SDER031B-330MS	33.0	1,387	1,733	0.50	0.45	0.65	0.58
SDER031B-470MS	47.0	1,908	2,385	0.44	0.39	0.50	0.45

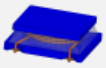
SDET32251B (3.2*2.5*1.2 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
SDET32251B-3R3MS	3.3	205	246	1.30	1.17	1.70	1.53
SDET32251B-6R8MS	6.8	390	465	0.90	0.81	1.20	1.10
SDET32251B-100MS	10.0	410	488	0.80	0.72	1.10	1.00

HMLE32251E (3.2*2.5*1.5 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HMLE32251E-R47MSR	0.47	13	16	7.0	6.3	8.1	7.2
HMLE32251E-1R0MSR	1.0	27	33	4.4	4.0	5.1	4.6
HMLE32251E-2R2MSR	2.2	73	88	3.9	3.5	4.3	3.7

SDET32251E (3.2*2.5*1.5 mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
SDET32251E-3R3MS	3.3	85	102	2.10	1.80	1.40	1.20
SDET32251E-4R7MS	4.7	90	108	1.90	1.70	1.30	1.17
SDET32251E-150MS	15.0	580	700	0.70	0.63	1.00	0.90
SDET32251E-220MS	22.0	880	1,012	0.60	0.54	0.90	0.81

VCTA32251B (3.2*2.5*1.2 mm) (Automotive-Grade)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
VCTA32251B-R15MS6	0.15	10.0	12.0	6.8	6.0	11.6	10.0
VCTA32251B-R22MS6	0.22	11.0	13.0	6.5	5.8	11.6	10.0
VCTA32251B-R33MS6	0.33	13.0	16.0	5.8	5.3	9.5	8.6
VCTA32251B-R47MS6	0.47	18.0	22.0	5.1	4.6	8.2	7.0
VCTA32251B-R68MS6	0.68	25.0	30.0	4.4	3.9	6.5	5.6
VCTA32251B-1R0MS6	1.0	30.0	36.0	3.9	3.6	5.2	4.5
VCTA32251B-1R5MS6	1.5	45.0	54.0	3.4	3.1	4.3	3.7
VCTA32251B-2R2MS6	2.2	62.0	75.0	2.8	2.5	3.8	3.3
VCTA32251B-3R3MS6	3.3	105.0	127.0	2.2	2.0	2.9	2.5
VCTA32251B-4R7MS6	4.7	150.0	180.0	1.8	1.6	2.5	2.2
VCTA32251B-6R8MS6	6.8	250.0	300.0	1.5	1.3	2.3	2.0
VCTA32251B-100MS6	10.0	340.0	400.0	1.1	1.0	1.6	1.3
VCTA32251B-150MS6	15.0	670.0	804.0	0.8	0.7	1.2	1.0

VCTA32252T (3.2*2.5*2.0 mm) (Automotive-Grade)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max

VCTA32252T-70NMS6	0.07	2.7	3.2	22.0	19.8	24.5	21.0
VCTA32252T-R10MS6	0.10	3.2	3.9	21.0	18.9	19.8	17.0
VCTA32252T-R22MS6	0.22	7.5	9.0	16.0	14.4	15.2	13.0
VCTA32252T-R47MS6	0.47	9.2	11.0	12.0	10.8	10.2	8.7
VCTA32252T-1R0MS6	1.0	19.0	23.0	7.2	6.5	8.4	7.5
VCTA32252T-1R5MS6	1.5	26.0	31.0	5.5	5.0	7.6	6.5
VCTA32252T-2R2MS6	2.2	35.0	46.0	5.4	4.9	6.2	5.0
VCTA32252T-3R3MS6	3.3	50.0	65.0	4.2	3.8	5.2	4.2
VCTA32252T-4R7MS6	4.7	75.0	98.0	3.0	2.7	4.3	3.4
VCTA32252T-220MS6	22.0	450	540	1.4	1.3	2.1	1.8

VCTA32252E (3.2*2.5*2.5 mm) (Automotive-Grade)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
VCTA32252E-R11MS6	0.11	3.0	4.0	12.0	11.0	17.0	15.0

4*4 SERIES

HBLQ041T (4.3*4.3*1.0mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HBLQ041T-R47MSIA	0.47	17.5	21.0	7.5	6.5	8.0	7.0
HBLQ041T-2R2MSIA	2.2	82	100	3.4	3.0	4.3	3.5
HBLQ041T-3R3MSIA	3.3	105	130	3.0	2.6	3.1	2.7
HBLQ041T-4R7MSIA	4.7	135	160	2.6	2.3	2.5	2.1
HBLQ041T-6R8MSIA	6.8	210	255	2.0	1.8	2.30	1.85
HBLQ041T-100MSIA	10.0	280	336	1.75	1.50	1.85	1.65

HBLE041B (4.3*4.3*1.2mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HBLE041B-R47MSA	0.47	15	18	9.2	8.2	9.4	8.3
HBLE041B-1R0MSA	1.0	27	33	4.1	3.7	4.6	4.1
HBLE041B-2R2MSA	2.2	52	63	3.8	3.4	4.0	3.5
HBLE041B-3R3MSA	3.3	82	98	3.1	2.8	3.0	2.7
HBLE041B-4R7MSA	4.7	94	113	2.9	2.6	2.5	2.2
HBLE041B-100MSA	10.0	200	240	1.8	1.6	1.6	1.4

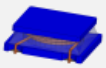
HBLE041H (4.3*4.3*1.8mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HBLE041H-R47MS	0.47	13	16	10.0	9.0	9.6	8.5
HBLE041H-R68MS	0.68	17	21	8.5	7.6	7.4	6.6
HBLE041H-1R0MS	1.0	21	26	7.0	6.3	7.0	6.3
HBLE041H-1R5MS	1.5	32	38.4	5.5	5.0	6.4	5.4
HBLE041H-2R2MS	2.2	39	46	4.7	4.2	5.2	4.5
HBLE041H-3R3MS	3.3	58	69	3.8	3.5	4.5	4.0
HBLE041H-4R7MS	4.7	70	84	3.5	3.1	3.6	3.0
HBLE041H-6R8MS	6.8	110	132	2.8	2.5	2.6	2.4
HBLE041H-100MS	10.0	160	192	2.1	1.9	2.2	2.0

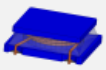
HBLE042A (4.3*4.3*2.1mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HBLE042A-R24MS	0.24	4.2	5.0	15.0	13.5	14.0	12.0
HBLE042A-R33MS	0.33	6.0	7.5	13.0	11.7	13.0	11.0
HBLE042A-R47MS	0.47	7.0	8.5	11.5	10.4	10.0	9.0
HBLE042A-R56MS	0.56	8.0	9.6	10.8	9.7	8.8	8.0
HBLE042A-R68MS	0.68	8.9	10.7	10.6	9.5	8.3	7.1
HBLE042A-1R0MS	1.0	10.0	11.5	10.0	9.0	7.0	6.0
HBLE042A-1R5MS	1.5	18.0	21.5	8.6	7.8	6.7	5.7
HBLE042A-2R2MS	2.2	24.0	28.0	7.0	6.0	5.8	5.0

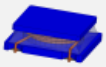
SDER041T (4.0*4.0*1.0mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
SDER041T-1R5MS	1.5	80	96	1.70	1.50	2.20	2.00
SDER041T-2R2MS	2.2	100	120	1.55	1.40	1.80	1.60
SDER041T-3R3MS	3.3	120	145	1.45	1.30	1.40	1.25
SDER041T-4R7MS	4.7	130	156	1.40	1.26	1.25	1.10
SDER041T-6R8MS	6.8	196	235	1.30	1.17	1.20	1.08
SDER041T-100MS	10.0	291	350	1.10	0.99	1.00	0.90

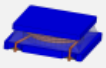
SDER041B (4.0*4.0*1.2mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
SDER041B-R47MS	0.47	28	33.6	3.90	3.50	4.25	3.60
SDER041B-2R2MS	2.2	69	83	2.70	2.43	2.00	1.80
SDER041B-4R7MS	4.7	109	131	1.90	1.71	1.45	1.30
SDER041B-6R8MS	6.8	130	156	1.70	1.53	1.20	1.08
SDER041B-100MS	10.0	190	228	1.45	1.30	1.10	1.00
SDER041B-150MS	15.0	339	407	1.05	0.95	0.80	0.72
SDER041B-220MS	22.0	410	492	0.95	0.855	0.70	0.63
SDER041B-470MS	47.0	850	1,020	0.50	0.45	0.46	0.41

SDER041H (4.0*4.0*1.8mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
SDER041H-R47MS	0.47	14	18	5.50	5.00	5.70	5.10
SDER041H-R68MS	0.68	19	25	5.00	4.50	5.60	5.00
SDER041H-1R0MS	1.0	20	25	4.40	4.00	4.20	3.80
SDER041H-1R2MS	1.2	25	30	3.80	3.40	3.70	3.30
SDER041H-1R5MS	1.5	33	40	3.40	3.05	3.60	3.20
SDER041H-1R8MS	1.8	34	41	3.20	2.85	3.20	2.90
SDER041H-2R2MS	2.2	35	45	3.10	2.80	3.10	2.80
SDER041H-3R3MS	3.3	45	56	2.75	2.50	2.45	2.20
SDER041H-4R7MS	4.7	69	83	2.30	2.07	2.05	1.85
SDER041H-5R6MS	5.6	80	96	2.20	2.00	1.90	1.70
SDER041H-6R8MS	6.8	90	115	2.10	1.90	1.75	1.60
SDER041H-8R2MS	8.2	105	132	1.80	1.60	1.65	1.44
SDER041H-100MS	10.0	134	169	1.50	1.35	1.60	1.40
SDER041H-150MS	15.0	185	222	1.45	1.30	1.10	1.00
SDER041H-220MS	22.0	250	315	1.20	1.08	0.95	0.85
SDER041H-330MS	33.0	405	486	0.90	0.81	0.80	0.75
SDER041H-470MS	47.0	495	594	0.80	0.72	0.70	0.60
SDER041H-680MS	68.0	885	1062	0.58	0.52	0.48	0.43
SDER041H-101MS	100.0	1545	1854	0.52	0.47	0.46	0.41

SDER043T (4.0*4.0*3.0mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
SDER043T-1R0MS	1.0	12	15	6.00	5.40	6.10	5.50
SDER043T-2R2MS	2.2	28	36.4	3.70	3.30	5.50	4.95
SDER043T-3R3MS	3.3	39.5	48	3.40	3.05	3.89	3.50
SDER043T-4R7MS	4.7	60	75	2.30	2.00	3.25	3.00
SDER043T-6R8MS	6.8	80	96	2.20	1.95	3.05	2.80
SDER043T-100MS	10.0	99	125	1.70	1.55	2.22	2.00
SDER043T-150MS	15.0	180	235	1.32	1.20	1.89	1.70
SDER043T-220MS	22.0	225	282	1.25	1.05	1.50	1.35
SDER043T-330MS	33.0	325	425	1.00	0.90	1.25	1.15

SDER043T-680MS	68.0	760	915	0.68	0.61	0.85	0.75
SDER043T-101MS	100.0	900	1,100	0.65	0.60	0.68	0.60
SDER043T-121MS	120.0	1,000	1,250	0.62	0.55	0.64	0.57

CMLB041B (4.45*4.75*1.2mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
CMLB041B-R47MS	0.47	17.5	19.6	6.4	5.7	7.4	6.7
CMLB041B-R68MS	0.68	31.0	36.0	5.5	5.0	7.3	6.5
CMLB041B-1R0MS	1.0	42.0	46.5	5.0	4.3	5.5	5.0
CMLB041B-1R5MS	1.5	61.0	75.0	3.6	3.4	4.6	4.0
CMLB041B-2R2MS	2.2	75.4	83.0	3.3	2.8	3.8	3.4
CMLB041B-4R7MS	4.7	171.0	193.0	2.0	1.8	2.8	2.2
CMLB041B-6R8MS	6.8	320.0	368.0	1.7	1.5	2.2	1.9
CMLB041B-8R2MS	8.2	420.0	480.0	1.5	1.3	1.9	1.6

CMLE041B (4.75*4.45*1.2mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
CMLE041B-R22MS	0.22	7.2	8.0	13.0	12.0	15.5	13.0
CMLE041B-R33MS	0.33	10.8	12.0	12.0	11.0	13.5	12.0
CMLE041B-R47MS	0.47	16.0	18.4	9.5	8.5	10.6	9.2
CMLE041B-R56MS	0.56	16.9	19.9	7.0	6.3	9.1	7.8
CMLE041B-1R0MS	1.0	29.0	34.5	5.5	4.7	7.0	6.0
CMLE041B-1R5MS	1.5	49.0	56.0	5.0	4.5	5.8	5.0
CMLE041B-2R2MS	2.2	74.0	82.0	3.7	3.3	4.4	3.8
CMLE041B-3R3MS	3.3	110.0	124.0	3.1	2.8	4.1	3.5
CMLE041B-4R7MS	4.7	124.0	145.0	2.4	2.1	3.2	2.8
CMLE041B-6R8MS	6.8	300.0	355.0	1.7	1.5	2.7	2.3

CMLS041B (4.45*4.75*1.8mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
CMLS041B-R10MS	0.10	5.2	6.0	15.0	13.0	25.0	23.0
CMLS041B-R22MS	0.22	10.6	12.0	10.0	8.5	20.0	17.0
CMLS041B-R47MS	0.47	20.0	22.0	6.5	5.5	13.0	11.0

CMLE042T (4.45*4.75*2.0mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
CMLE042T-R36MS	0.36	8.0	9.2	12.8	11.5	11.0	9.5
CMLE042T-R47MS	0.47	8.4	9.5	11.5	10.0	9.5	8.5
CMLE042T-1R0MS	1.0	17.0	20.0	7.50	6.50	8.7	7.6
CMLE042T-1R5MS	1.5	30.0	36.0	5.80	5.20	7.0	6.0
CMLE042T-2R2MS	2.2	36.0	42.0	5.50	4.80	6.5	5.7
CMLE042T-3R3MS	3.3	55.0	64.0	3.70	3.30	5.0	4.3
CMLE042T-4R7MS	4.7	74.0	89.0	3.50	3.10	4.6	3.8
CMLE042T-6R8MS	6.8	128.0	148.0	2.60	2.35	3.3	2.7

VCHA042A (4.2*4.0*2.1 mm) (Automotive-Grade)

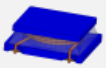
	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
VCHA042A-R10MS62M	0.10	1.90	2.28	21.0	18.9	25.0	21.4
VCHA042A-R22MS62M	0.22	5.3	6.4	11.4	10.3	13.7	11.7
VCHA042A-R33MS62M	0.33	5.8	7.0	10.9	9.8	13.5	11.5
VCHA042A-R40MS62M	0.40	6.0	7.2	10.7	9.6	12.6	10.8
VCHA042A-R47MS62M	0.47	6.3	7.6	10.6	9.5	10.9	9.4
VCHA042A-R60MS62M	0.60	8.1	9.3	12.1	10.9	10.4	8.9
VCHA042A-R68MS62M	0.68	8.6	10.3	9.1	8.2	9.5	8.1
VCHA042A-1R0MS62M	1.0	9.1	10.5	8.9	8.0	7.9	6.7
VCHA042A-1R5MS62M	1.5	13.4	15.4	7.3	6.5	6.2	5.3
VCHA042A-2R2MS62M	2.2	20.9	23.0	5.8	5.3	5.3	4.5
VCHA042A-3R3MS62M	3.3	33.4	36.8	4.6	4.1	4.0	3.4
VCHA042A-4R7MS62M	4.7	48.6	53.8	4.0	3.6	3.7	3.2
VCHA042A-5R6MS62M	5.6	61.8	71.1	3.4	3.0	2.9	2.5
VCHA042A-6R8MS62M	6.8	80.5	92.5	2.9	2.6	2.6	2.2
VCHA042A-8R2MS62M	8.2	103.0	118.5	2.6	2.3	2.5	2.1
VCHA042A-100MS62M	10.0	112.0	129.0	2.5	2.2	2.4	2.0

VCHW042A (4.2*4.0*2.1 mm) (Automotive-Grade)

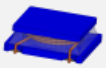
	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
VCHW042A-3R3MS5	3.3	38.0	43.7	4.9	4.4	5.0	4.3
VCHW042A-4R7MS5	4.7	48.6	53.8	4.0	3.6	4.6	3.9
VCHW042A-6R8MS5	6.8	88.5	106.2	3.0	2.7	3.9	3.4
VCHW042A-100MS5	10.0	160.0	192.0	2.3	2.0	3.5	3.0

5*5 SERIES

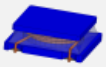
SDES053T (4.9*4.9*3.0mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
SDES053T-1R0MS	1.0	15	18	7.65	6.9	8.45	7.6
SDES053T-1R2MS	1.2	17	20	6.30	5.67	7.50	6.75
SDES053T-1R5MS	1.5	20	25	6.25	5.63	6.95	6.20
SDES053T-2R2MS	2.2	23	28	6.00	5.40	5.80	5.22
SDES053T-3R3MS	3.3	28	34	5.50	4.90	5.00	4.50
SDES053T-4R7MS	4.7	41	50	4.80	4.30	4.00	3.60
SDES053T-6R8MS	6.8	58	70	3.70	3.30	3.50	3.15
SDES053T-8R2MS	8.2	72	87	3.20	2.88	3.10	2.80
SDES053T-100MS	10.0	85	102	3.05	2.75	2.70	2.40
SDES053T-220MS	22.0	180	220	1.80	1.60	1.80	1.60
SDES053T-330MS	33.0	255	307	1.50	1.35	1.60	1.44
SDES053T-470MS	47.0	334	401	1.20	1.08	1.20	1.08
SDES053T-560MS	56.0	444	532.8	0.90	0.80	1.15	1.04
SDES053T-680MS	68.0	529	634.8	0.85	0.77	1.10	1.00

SDEI054T (4.9*4.9*4.0mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
SDEI054T-1R0MS	1.0	8.0	11.0	6.85	6.17	10.5	9.40
SDEI054T-1R5MS	1.5	13.0	16.0	5.50	4.90	9.00	8.0
SDEI054T-2R2MS	2.2	14.2	17.5	5.40	4.90	7.50	6.70
SDEI054T-3R3MS	3.3	20.0	25.0	4.60	4.14	6.40	5.76
SDEI054T-4R7MS	4.7	27.0	34.0	3.60	3.24	5.00	4.50
SDEI054T-6R8MS	6.8	41.0	50.0	3.15	2.84	4.55	4.10
SDEI054T-100MS	10.0	53.0	63.0	3.10	2.80	3.60	3.20
SDEI054T-120MS	12.0	69.0	83.0	2.70	2.43	3.30	3.00
SDEI054T-150MS	15.0	79.0	99.0	2.30	2.00	2.80	2.45
SDEI054T-220MS	22.0	119.0	149.0	2.10	1.90	2.40	2.10
SDEI054T-330MS	33.0	169.0	211.0	1.50	1.30	1.95	1.75
SDEI054T-470MS	47.0	235.0	294.0	1.35	1.20	1.60	1.44

SDES052T (4.9*4.9*2.0mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
SDES052T-1R0MS	1.0	17.0	21.0	4.8	4.32	6.3	5.7
SDES052T-1R5MS	1.5	23.0	27.5	4.2	3.8	5.0	4.5
SDES052T-2R2MS	2.2	26.0	32.0	4.0	3.6	4.2	3.8
SDES052T-3R3MS	3.3	42.0	51.0	2.7	2.4	3.3	3.0
SDES052T-4R7MS	4.7	52.0	63.0	2.7	2.4	3.1	2.8
SDES052T-6R8MS	6.8	74.0	88.0	2.30	2.05	2.60	2.35
SDES052T-100MS	10.0	114.0	137.0	1.8	1.62	1.65	1.50

CMLE051B (5.4*5.75*1.2mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
CMLE051B-R47MS	0.47	13.0	15.0	9.0	8.0	12.0	10.0
CMLE051B-1R0MS	1.0	26.0	30.0	6.0	5.0	9.0	8.0
CMLE051B-2R2MS	2.2	55.0	63.0	4.5	3.9	6.0	5.0
CMLE051B-3R3MS	3.3	85.0	103.0	3.2	2.9	5.0	4.0
CMLE051B-4R7MS	4.7	110.0	135.0	3.0	2.7	3.7	3.2

CMLB051B (5.4*5.75*1.2mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
CMLB051B-R68MS	0.68	22.0	26.0	6.6	5.9	8.9	7.6
CMLB051B-1R0MS	1.0	32.0	36.5	5.5	5.1	8.7	7.4
CMLB051B-1R5MS	1.5	50.0	58.0	4.5	4.0	6.0	5.0
CMLB051B-2R2MS	2.2	66.0	76.0	3.6	3.0	4.5	3.8
CMLB051B-3R3MS	3.3	84.0	96.0	3.1	2.8	3.8	3.4
CMLB051B-4R7MS	4.7	144.0	163.0	2.3	2.0	3.5	2.9

CMLS051B (5.4*5.75*1.2mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
CMLS051B-R10MS	0.10	4.0	5.1	16.0	15.0	35.0	30.0

CMLS051B-2R2MS	2.2	73.0	77.3	3.4	3.0	7.0	6.0
CMLS051B-4R7MS	4.7	150.0	165.0	2.3	2.0	5.4	4.6

CMLE051E (5.4*5.75*1.5mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
CMLE051E-R12MS	0.12	3.2	3.7	18.0	16.0	29.0	25.0
CMLE051E-R22MS	0.22	3.79	4.4	16.0	14.5	20.0	16.8
CMLE051E-R47MS	0.47	10.8	12.7	10.0	9.0	15.0	12.7
CMLE051E-R68MS	0.68	13.5	15.5	9.0	8.1	11.2	9.5
CMLE051E-1R0MS	1.0	19.0	23.0	6.5	5.8	10.0	8.5
CMLE051E-2R2MS	2.2	45.0	52.0	5.0	4.0	7.0	6.0
CMLE051E-3R3MS	3.3	60.0	72.0	3.5	3.1	5.1	4.3
CMLE051E-4R7MS	4.7	88.0	100.0	3.1	2.7	4.2	3.7
CMLE051E-100MS	10.0	152.0	170.0	2.1	1.9	3.1	2.7

CMLE051H (5.4*5.75*1.8mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
CMLE051H-R22MS	0.22	3.15	3.65	20.0	17.0	24.0	20.5
CMLE051H-R24MS	0.24	3.15	3.65	20.0	17.0	23.0	20.0
CMLE051H-R33MS	0.33	4.50	5.20	17.0	15.0	20.0	17.0
CMLE051H-R47MS	0.47	7.60	8.50	11.5	10.5	17.0	16.0
CMLE051H-R68MS	0.68	11.50	13.30	9.2	8.3	16.2	13.4
CMLE051H-1R0MS	1.0	13.90	16.00	8.2	7.2	11.8	10.3
CMLE051H-1R5MS	1.5	22.50	26.00	6.7	6.0	10.5	8.3
CMLE051H-2R2MS	2.2	28.00	33.00	5.7	5.0	7.4	6.3

CMLB051H (5.4*5.75*1.8mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
CMLB051H-R22MS	0.22	4.0	4.8	19.0	17.0	21.5	19.0
CMLB051H-R33MS	0.33	5.7	6.8	16.0	15.0	19.1	17.0
CMLB051H-R47MS	0.47	7.6	8.5	11.0	10.0	16.0	15.5
CMLB051H-R68MS	0.68	12.0	13.8	9.0	8.0	13.0	11.2

CMLB051H-1R0MS	1.0	15.0	17.0	8.5	7.5	10.0	8.6
CMLB051H-1R5MS	1.5	23.0	28.0	6.2	5.5	9.0	7.2
CMLB051H-2R2MS	2.2	30.0	35.0	5.2	4.7	7.0	6.0
CMLB051H-3R3MS	3.3	45.0	52.0	4.7	4.5	5.5	4.8
CMLB051H-4R7MS	4.7	70.0	81.0	3.5	3.2	4.5	3.9
CMLB051H-6R8MS	6.8	103.0	125.0	2.9	2.6	3.6	3.4
CMLB051H-100MS	10.0	139.0	154.0	2.5	2.3	3.3	2.8

CMLE053T (4.9*5.2*3.0mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
CMLE053T-R20MS	0.20	2.2	2.5	26.0	23.0	20.5	18.0
CMLE053T-R33MS	0.33	4.5	5.4	16.0	14.0	16.0	14.0
CMLE053T-R47MS	0.47	5.0	5.9	14.2	12.7	14.0	12.0
CMLE053T-R68MS	0.68	7.0	8.5	12.2	10.9	12.5	10.5
CMLE053T-1R0MS	1.0	8.4	9.4	10.8	9.7	11.0	9.0
CMLE053T-1R5MS	1.5	14.7	17.0	8.2	7.2	9.5	8.0
CMLE053T-2R2MS	2.2	21.0	24.0	6.9	6.2	8.2	7.0
CMLE053T-3R3MS	3.3	29.7	36.0	5.8	5.2	7.3	6.6
CMLE053T-4R7MS	4.7	48.0	54.0	5.1	4.5	5.7	5.1
CMLE053T-6R8MS	6.8	72.0	84.0	3.7	3.1	4.2	3.6
CMLE053T-100MS	10.0	104.0	125.0	3.3	3.0	3.7	3.1

CMLB053T (4.9*5.2*3.0mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
CMLB053T-R10MS	0.10	2.0	2.3	28.0	25.0	38.0	33.0
CMLB053T-R22MS	0.22	3.5	3.9	17.0	15.0	20.0	17.0
CMLB053T-R33MS	0.33	5.1	6.1	14.2	12.5	15.5	13.5
CMLB053T-R47MS	0.47	7.0	8.0	12.2	10.9	14.0	12.0
CMLB053T-R68MS	0.68	8.0	9.2	11.0	9.9	11.5	10.0
CMLB053T-1R0MS	1.0	10.5	12.0	9.8	8.5	10.0	8.5
CMLB053T-1R5MS	1.5	17.0	20.0	7.8	7.0	8.6	8.0
CMLB053T-2R2MS	2.2	25.0	29.0	6.3	5.5	8.0	6.5

Part Number	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
		Typical	Max	Typical	Max	Typical	Max
CMLB053T-3R3MS	3.3	34.0	38.0	5.4	4.7	6.0	5.0
CMLB053T-4R7MS	4.7	52.0	60.0	5.0	4.5	5.0	3.5
CMLB053T-6R8MS	6.8	100.0	115.0	3.2	2.8	3.7	3.2

HCUVE66 (5.5x5.7x6.0mm)

Part Number	L (nH) ± 10%	Li (nH) MIN	DCR (mΩ) ± 5%	Isat (A)			Ir (A)
				25℃	100℃	125℃	
HCUVE66-101	100	64	0.2	40	32	30	50
HCUVE66-121	120	77	0.2	32	26	24	50
HCUVE66-151	150	96	0.2	24	19	18	50
HCUVE66-221	220	141	0.2	15	12	11	50

VCMT053T (5.45*5.25*3.0 mm) (Automotive-Grade)

Part Number	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
		Typical	Max	Typical	Max	Typical	Max
VCMT053T-R33MN52M	0.33	4.5	5.0	16.7	15.0	11.2	9.6
VCMT053T-R47MN52M	0.47	6.9	7.9	12.4	11.2	14.0	12.0
VCMT053T-R68MN52M	0.68	8.6	9.74	11.3	10.2	11.7	10.0
VCMT053T-1R0MN52M	1.0	10.0	11.5	10.8	9.7	8.0	6.5
VCMT053T-1R5MN52M	1.5	15.4	17.7	8.2	7.4	7.1	5.9
VCMT053T-2R2MN52M	2.2	20.0	23.0	7.1	6.4	6.3	5.1
VCMT053T-3R3MN52M	3.3	33.0	38.0	5.5	5.0	5.5	4.7
VCMT053T-4R7MN52M	4.7	51.0	59.0	4.4	3.9	4.5	3.9
VCMT053T-6R8MN52M	6.8	80.0	92.0	3.5	3.1	3.5	3.0
VCMT053T-100MN52M	10.0	112.6	129.5	2.8	2.5	2.35	2.0
VCMT053T-150MN52M	15.0	170.0	196.0	2.4	2.2	2.2	1.9
VCMT053T-80NMS5	0.08	2.0	2.4	22.8	20.5	40.8	35.0

VCMV053T (5.45*5.25*2.8 mm) (Automotive-Grade)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
VCMV053T-R33MN22M	0.33	4.1	4.9	20.0	18.0	20.0	17.1
VCMV053T-1R0MN22M	1.0	12.1	14.5	9.1	8.2	14.8	12.7
VCMV053T-2R2MN22M	2.2	17.5	21.0	7.4	6.7	9.8	8.8
VCMV053T-3R3MN22M	3.3	29.0	34.8	5.9	5.3	8.5	7.3
VCMV053T-4R7MN22M	4.7	43.0	51.6	4.8	4.3	6.8	5.8
VCMV053T-6R8MN22M	6.8	73.0	87.6	3.7	3.3	5.8	5.0

VCHW053T-MS5 (5.45*5.25*3.0 mm) (Automotive-Grade)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
VCHW053T-50NMS5	0.05	0.60	0.66	44	40	64	55
VCHW053T-70NMS5	0.07	0.70	0.77	40	36	50	42

VCUW053T (5.45*5.25*3.0 mm) (Automotive-Grade)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
VCUW053T-R10MS5	0.10	1.8	2.1	24.0	22.0	35.0	30.0
VCUW053T-R22MS5	0.22	4.0	4.5	15.9	14.3	22.8	19.5
VCUW053T-R47MS5	0.47	6.0	7.2	13.0	11.7	12.8	11.0
VCUW053T-R68MS5	0.68	8.0	9.6	11.0	9.9	11.2	9.6
VCUW053T-1R0MS5	1.0	10.0	11.5	10.2	9.2	10.8	9.3
VCUW053T-1R5MS5	1.5	13.0	15.6	8.9	8.0	9.0	7.7
VCUW053T-2R2MS5	2.2	20.0	23.0	7.1	6.4	7.5	6.4
VCUW053T-3R3MS5	3.3	33.0	38.0	5.5	5.0	6.6	5.6
VCUW053T-4R7MS5	4.7	51.0	59.0	4.4	3.9	6.2	5.3
VCUW053T-6R8MS5	6.8	75.0	90.0	3.6	3.2	5.3	4.6
VCUW053T-100MS5	10.0	95.8	115.0	3.2	2.9	3.3	2.8
VCUW053T-150MS5	15.0	139.5	158.0	2.7	2.4	2.4	2.1
VCUW053T-220MS5	22.0	195.0	232.0	2.2	2.0	2.2	1.9

VCHA054T (5.4*5.2*3.8 mm) (Automotive-Grade)

Part Number	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
		Typical	Max	Typical	Max	Typical	Max
VCHA054T-2R2MS6	2.2	21.8	24.0	6.9	6.2	10.9	9.3
VCHA054T-3R3MS6	3.3	26.8	29.5	6.5	5.1	8.8	7.5
VCHA054T-4R7MS6	4.7	35.9	39.5	5.0	4.5	7.8	6.7
VCHA054T-6R8MS6	6.8	48.0	57.6	4.3	3.9	6.3	5.4
VCHA054T-100MS6	10.0	84.0	92.4	3.2	2.9	5.0	4.3
VCHA054T-150MS6	15.0	100.0	120.0	2.8	2.5	3.5	3.0
VCHA054T-220MS6	22.0	158.0	174.0	2.4	2.2	3.4	2.9

VCHW054T (5.4*5.2*3.8 mm) (Automotive-Grade)

Part Number	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
		Typical	Max	Typical	Max	Typical	Max
VCHW054T-R47MS5	0.47	4.20	5.04	14.5	13.1	14.2	12.2

6*6 SERIES

HBLE061T (6.4*6.4*1.0mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HBLE061T-2R2MS	2.2	85	102	3.2	2.8	4.8	4.3
HBLE061T-4R7MS	4.7	144	172	2.2	2.0	2.8	2.5
HBLE061T-6R8MS	6.8	164	197	2.0	1.8	2.5	2.0
HBLE061T-100MS	10.0	259	310	1.6	1.4	2.1	1.9

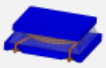
HBLE061B (6.4*6.4*1.2mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HBLE061B-1R5MS	1.5	29	35	6.8	6.0	6.8	5.7
HBLE061B-2R2MS	2.2	47	59	6.0	5.0	4.1	3.7
HBLE061B-4R7MS	4.7	86	103	3.2	2.8	3.6	3.2
HBLE061B-100MS	10.0	192	230	2.1	1.9	3.0	2.7

HBLE061E (6.4*6.4*1.5mm)

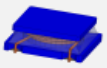
	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
HBLE061E-2R2MS	2.2	37	45	6.5	5.5	5.0	4.5
HBLE061E-4R7MS	4.7	58	70	4.8	4.2	4.1	3.7
HBLE061E-6R8MS	6.8	86	104	3.1	2.8	3.6	3.2
HBLE061E-100MS	10.0	114	137	2.7	2.4	3.3	2.9

SDES064T (6.0*6.0*4.0mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
SDES064T-1R5MS	1.5	10.0	13.0	6.60	5.90	7.80	7.00
SDES064T-2R2MS	2.2	14.0	17.0	6.30	5.70	7.30	6.40
SDES064T-3R3MS	3.3	19.0	24.0	5.10	4.60	5.50	5.00
SDES064T-4R7MS	4.7	22.0	26.0	4.75	4.25	5.00	4.50
SDES064T-6R8MS	6.8	31.0	39.0	4.20	3.60	4.10	3.70

SDES064T-8R2MS	8.2	38.0	47.0	3.40	3.12	3.50	3.15
SDES064T-100MS	10.0	39.0	49.0	3.40	3.10	3.40	3.10
SDES064T-150MS	15.0	69.0	87.0	2.50	2.30	2.60	2.34
SDES064T-220MS	22.0	95.0	120.0	2.20	2.00	2.20	2.00
SDES064T-330MS	33.0	136.0	171.0	2.00	1.80	1.70	1.50
SDES064T-470MS	47.0	193.0	232.0	1.60	1.45	1.40	1.20
SDES064T-560MS	56.0	245.0	306.0	1.40	1.20	1.30	1.15
SDES064T-680MS	68.0	285.0	360.0	1.20	1.10	1.20	1.10
SDES064T-101MS	100.0	420.0	530.0	1.05	0.95	1.00	0.95
SDES064T-121MS	120.0	480.0	540.0	0.90	0.81	0.92	0.82
SDES064T-221MS	220.0	830.0	1,040	0.64	0.58	0.71	0.64
SDES064T-331MS	330.0	1,265.0	1,575.0	0.58	0.52	0.58	0.52

SDES064E (6.0*6.0*4.5mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
SDES064E-R47MS	0.47	6.0	8.0	7.05	6.55	16.70	15.2
SDES064E-1R0MS	1.0	11.0	14.0	6.20	5.20	11.0	9.87
SDES064E-1R5MS	1.5	12.0	15.6	5.60	5.00	9.70	8.80
SDES064E-2R2MS	2.2	14.0	17.5	5.20	4.70	7.40	6.75
SDES064E-3R3MS	3.3	21.0	26.0	5.00	4.30	6.20	5.90
SDES064E-4R7MS	4.7	25.0	33.0	4.60	4.20	5.50	4.97
SDES064E-6R8MS	6.8	31.0	37.5	3.60	3.25	4.30	3.90
SDES064E-100MS	10.0	38.0	47.0	3.50	3.15	3.50	3.20
SDES064E-150MS	15.0	69.0	87.0	2.60	2.40	2.75	2.50
SDES064E-220MS	22.0	87.0	105.0	2.15	1.90	2.20	2.05
SDES064E-330MS	33.0	133.0	160.0	1.70	1.53	1.80	1.65
SDES064E-101MS	100.0	408.0	510.0	1.05	0.95	1.05	0.95

CMLE061E (6.724*7.241*1.5mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
CMLE061E-R12MS	0.12	3.0	3.65	19.0	17.0	29.0	25.0
CMLE061E-R15MS	0.15	3.5	4.1	18.0	16.0	25.0	22.0
CMLE061E-R33MS	0.33	5.6	6.50	13.5	12.0	21.0	19.0

CMLE061E-R47MS	0.47	7.2	8.50	13.0	11.0	18.0	15.5
CMLE061E-R56MS	0.56	9.5	11.0	10.0	9.0	15.0	14.0
CMLE061E-1R0MS	1.0	18.5	21.0	8.2	7.6	12.0	10.0
CMLE061E-1R2MS	1.2	21.0	25.0	7.5	7.0	10.5	8.5
CMLE061E-1R5MS	1.5	25.0	28.0	7.2	6.7	8.5	7.7
CMLE061E-2R2MS	2.2	35.0	42.0	6.0	5.1	7.2	6.1
CMLE061E-3R3MS	3.3	54.0	63.0	3.8	3.3	6.0	5.2
CMLE061E-4R7MS	4.7	75.0	84.0	3.5	3.0	5.0	4.5
CMLE061E-6R8MS	6.8	110.0	130.0	3.0	2.5	4.5	4.0
CMLE061E-100MS	10.0	165.0	175.0	2.2	2.0	3.5	3.0

CMLB061H (6.8*7.4*1.8mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
CMLB061H-R22MS	0.22	4.30	4.90	18.0	16.0	29.0	25.0
CMLB061H-R33MS	0.33	5.50	6.70	16.0	14.0	21.0	17.0
CMLB061H-R47MS	0.47	7.10	8.20	12.5	11.5	19.0	16.0
CMLB061H-R68MS	0.68	9.06	10.40	9.5	8.5	13.0	11.0
CMLB061H-1R5MS	1.50	20.0	26.0	6.5	6.0	10.0	8.5
CMLB061H-2R2MS	2.20	25.0	28.5	6.0	5.5	7.3	6.5
CMLB061H-4R7MS	4.70	58.0	66.0	3.9	3.5	5.5	5.0
CMLB061H-6R8MS	6.80	98.0	109.0	2.90	2.65	3.9	3.5
CMLB061H-100MS	10.0	138.0	153.0	2.5	2.3	2.4	2.0

CMLE063T (6.8*7.3*3.0mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
CMLE063T-R10MSQ	0.10	0.60	0.70	45.0	41.0	60.0	55.0
CMLE063T-R12MSQ	0.12	0.62	0.72	41.5	37.5	48.0	42.5
CMLE063T-R15MSQ	0.15	0.85	0.96	38.0	35.0	45.0	41.0
CMLE063T-R22MS	0.22	1.15	1.30	37.0	32.0	38.0	32.0
CMLE063T-R36MS	0.36	2.30	2.55	25.0	23.0	31.0	28.0
CMLE063T-R47MS	0.47	2.90	3.30	23.0	20.0	25.0	23.0
CMLE063T-R68MS	0.68	4.60	5.20	16.5	15.5	18.5	17.0
CMLE063T-R82MS	0.82	4.70	5.40	16.2	15.0	18.0	15.6

CMLE063T-1R0MS	1.0	5.60	6.50	16.0	14.4	17.0	15.0
CMLE063T-1R5MS	1.5	7.50	8.90	12.0	11.0	15.0	14.0
CMLE063T-2R2MS	2.2	11.00	12.80	10.0	9.0	14.0	12.0
CMLE063T-3R3MS	3.3	18.50	21.00	8.0	7.0	11.0	10.0
CMLE063T-4R7MS	4.7	23.60	26.00	6.7	6.0	8.0	7.0
CMLE063T-6R8MS	6.8	41.00	48.00	5.5	5.0	7.0	6.1
CMLE063T-8R2MS	8.2	52.00	60.00	5.1	4.6	6.6	5.7
CMLE063T-100MS	10.0	59.00	66.00	4.2	3.8	6.2	5.5
CMLE063T-220MS	22.0	148.00	170.00	2.8	2.3	3.2	2.7
CMLE063T-R12MS0R657	0.12	0.65 ± 7%		41.5	37.5	48.0	42.5
CMLE063T-R15MS0R905	0.15	0.90 ± 5%		38.0	35.0	45.0	41.0
CMLE063T-R15MS0R907	0.15	0.90 ± 7%		38.0	35.0	45.0	41.0
CMLE063T-R15MS0R987	0.15	0.98 ± 7%		35.0	30.0	42.0	35.0
CMLE063T-R22MSQ1R167	0.22	1.60 ± 7%		37.0	32.0	38.0	32.0
CMLE063T-R24MS1R197	0.24	1.19 ± 7%		35.0	31.0	38.0	32.0

CMLB063T (6.8*7.3*3.0mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
CMLB063T-R10MS	0.10	0.81	0.99	40.0	35.0	60.2	48.0
CMLB063T-R15MS	0.15	1.8	2.4	30.0	25.0	41.0	35.0
CMLB063T-R20MS	0.20	2.2	3.0	26.0	22.0	38.0	33.0
CMLB063T-R22MS	0.22	2.3	3.0	25.0	21.0	35.0	32.0
CMLB063T-R33MS	0.33	2.7	3.3	22.0	20.0	26.0	22.0
CMLB063T-R36MS	0.36	3.2	3.8	20.0	18.0	24.5	22.0
CMLB063T-R47MS	0.47	3.48	4.1	18.0	16.0	21.0	17.8
CMLB063T-R56MS	0.56	3.88	4.5	16.5	15.0	20.0	16.0
CMLB063T-R68MS	0.68	4.75	5.3	16.0	14.5	19.0	15.0
CMLB063T-R82MS	0.82	5.38	6.0	14.0	13.0	17.0	14.0
CMLB063T-1R0MS	1.0	6.6	7.25	13.0	11.2	16.5	13.5
CMLB063T-1R2MS	1.2	7.7	8.6	11.7	10.1	14.5	12.5
CMLB063T-1R5MS	1.5	9.1	10.5	11.0	9.5	14.2	12.0
CMLB063T-2R2MS	2.2	13.4	15.0	8.5	8.0	12.5	10.5
CMLB063T-3R3MS	3.3	17.9	22.0	7.2	6.2	9.6	8.5
CMLB063T-4R7MS	4.7	27.9	33.0	6.0	5.5	6.55	5.5

CMLB063T-5R6MS	5.6	39.0	42.0	5.7	5.0	6.35	5.05
CMLB063T-6R8MS	6.8	42.0	48.0	4.7	4.2	6.3	5.0
CMLB063T-8R2MS	8.2	53.9	60.0	4.5	3.8	6.05	4.92
CMLB063T-100MS	10.0	60.0	68.0	4.0	3.5	5.6	4.9
CMLB063T-150MS	15.0	132.5	150.0	2.7	2.4	3.8	3.3
CMLB063T-220MS	22.0	179.5	200.0	2.3	2.0	3.1	2.5
CMLB063T-330MS	33.0	274.0	284.0	2.1	1.8	2.3	2.0

CMLS063T_(6.8*7.3*3.0mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
CMLS063T-R10MS	0.10	0.8	1.0	33.0	28.0	70.0	60.0
CMLS063T-R15MS	0.15	1.9	2.3	27.0	24.0	61.0	53.0
CMLS063T-R20MS	0.20	2.4	2.7	26.0	23.0	48.0	42.0
CMLS063T-R22MS	0.22	2.4	2.7	26.0	23.0	46.0	41.0
CMLS063T-R33MS	0.33	3.30	3.80	23.0	20.0	40.0	34.0
CMLS063T-R47MS	0.47	3.81	4.1	18.0	16.5	30.0	26.0
CMLS063T-R68MS	0.68	4.7	5.4	16.0	14.0	26.0	21.0
CMLS063T-R82MS	0.82	6.4	7.5	14.0	13.0	24.0	20.0
CMLS063T-1R0MS	1.0	8.9	10.0	12.0	10.0	23.0	19.0
CMLS063T-1R5MS	1.5	12.0	14.0	9.0	8.0	21.0	18.5
CMLS063T-2R2MS	2.2	15.6	18.0	8.5	7.7	16.0	14.0
CMLS063T-3R3MS	3.3	26.0	29.0	7.5	6.5	14.0	12.0
CMLS063T-4R7MS	4.7	36.5	40.0	5.5	5.0	11.0	10.0
CMLS063T-6R8MS	6.8	53.5	60.0	4.5	4.0	8.5	7.5
CMLS063T-100MS	10.0	90.0	105.0	3.2	2.8	7.3	6.3

CMLE064T (6.8*7.6*5.0mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
CMLE064T-R15MS0R667	0.15	0.66 ± 7%		40.0	37.0	50.0	46.0
CMLE064T-R15MS0R675	0.15	0.67 ± 5%		40.0	37.0	50.0	46.0
CMLE064T-R15MS0R725	0.15	0.72 ± 5%		39.0	36.0	54.0	47.0
CMLE064T-R22MS0R987	0.22	0.98 ± 7%		38.0	34.0	35.5	28.5

CMLE064T-R24MS1R007	0.24	1.00 ± 7%	36.0	32.0	35.5	28.5
CMLE064T-R36MS1R407	0.36	1.40 ± 7%	30.0	25.0	26.0	23.0
CMLE064T-R42MS1R557	0.42	1.55 ± 7%	24.0	21.0	23.0	19.0

CMLB065T (6.8*7.3*5.0mm)

Part Number	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
		Typical	Max	Typical	Max	Typical	Max
CMLB065T-R47MS	0.47	3.21	3.70	20.2	18.0	24.0	20.0
CMLB065T-1R0MS	1.0	5.5	6.4	13.2	12.5	16.8	14.5
CMLB065T-1R5MS	1.5	6.0	7.5	12.3	11.2	12.7	11.0
CMLB065T-2R2MS	2.2	10.2	11.8	11.0	9.9	12.1	10.0
CMLB065T-3R3MS	3.3	16.5	18.5	9.0	8.5	9.0	8.1
CMLB065T-4R7MS	4.7	21.0	24.0	6.7	6.0	8.0	7.0
CMLB065T-6R8MS	6.8	36.0	40.0	5.5	5.0	7.3	6.5
CMLB065T-100MS	10.0	47.1	54.0	4.7	4.3	5.3	4.7

HCUVD6595 (6.5x6.5x9.5mm)

Part Number	L (nH) ± 10%	Li (nH) TYP	DCR (mΩ) ± 15%	Isat (A)			Ir (A)
				25℃	100℃	125℃	
HCUVD6595-201	200	160	0.85	66	52	49	28
HCUVD6595-301	300	240	0.85	45	36	34	28
HCUVD6595-401	400	320	0.85	30	24	22	28
HCUVD6595-471	470	376	0.85	25	20	19	28
HCUVD6595-601	600	480	0.85	20	16	15	28
HCUVD6595-801	800	640	0.85	15	12	11	28
HCUVD6595-102	1000	800	0.85	12	10	9	28

HCME606090F (6.0x6.0x9.0mm)

Part Number	L (nH) ± 10%	Li (nH) MIN	DCR (mΩ) ± 15%	Isat (A)			Ir (A)
				25℃	100℃	125℃	
HCME606090F-101	100	72	0.25	70	60	56	50
HCME606090F-121	120	86	0.25	58	50	46	50
HCME606090F-151	150	108	0.25	45	38	36	50

HCME656510F (6.5x6.5x10.0mm)

Part Number	L (nH) ± 10%	Li (nH) MIN	DCR (mΩ) ± 15%	Isat (A) 25℃	100℃	125℃	Ir (A)
HCME656510F-101	100	80	0.17	80	70	64	70
HCME656510F-121	120	96	0.17	69	60	55	70
HCME656510F-151	150	120	0.17	52	46	42	70
HCME656510F-221	220	176	0.17	33	30	26	70

VCMT063T (6.0*7.3*3.0mm) (Automotive-Grade)

Part Number	L0 Inductance (uH)	DCR (mOhm) Typical	Max	Heat rating current, Idc (A) Typical	Max	Saturation current, Isat (A) Typical	Max
VCMT063T-R47MN5TM	0.47	3.85	4.62	17.0	15.3	16.3	14.0
VCMT063T-R68MN5TM	0.68	4.5	5.3	16.5	14.1	13.0	11.0
VCMT063T-1R0MN5TM	1.0	6.5	7.8	13.0	11.7	13.0	11.1
VCMT063T-1R5MN5TM	1.5	10.9	12.5	10.6	9.5	11.6	9.9
VCMT063T-2R2MN5TM	2.2	15.0	16.5	9.0	8.1	8.0	6.9
VCMT063T-3R3MN5TM	3.3	22.5	26.0	7.5	6.8	8.3	7.1
VCMT063T-4R7MN5TM	4.7	31.5	33.4	6.0	5.4	6.0	5.1
VCMT063T-6R8MN5TM	6.8	41.5	46.8	5.5	5.0	4.5	3.9
VCMT063T-8R2MN5TM	8.2	60.8	73.0	4.0		3.7	
VCMT063T-100MN5TM	10.0	61.0	70.5	4.0	3.6	3.5	3.0
VCMT063T-150MN5TM	15.0	96.0	110.0	3.2	2.9	2.8	2.4
VCMT063T-220MN5TM	22.0	163.0	174.0	2.8	2.5	2.4	2.1

VCMV063T (6.95*6.6*2.8mm) (Automotive-Grade)

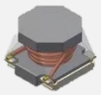
Part Number	L0 Inductance (uH)	DCR (mOhm) Typical	Max	Heat rating current, Idc (A) Typical	Max	Saturation current, Isat (A) Typical	Max
VCMV063T-R15MN2TM	0.15	1.7	2.0	33.0	29.7	52.0	45.0
VCMV063T-R68MN2TM	0.68	4.5	5.4	20.4	18.4	22.0	18.9
VCMV063T-1R0MN2TM	1.0	9.2	11.0	11.6	10.4	22.0	18.9
VCMV063T-2R2MN2TM	2.2	16.6	19.9	8.7	7.8	14.0	12.0
VCMV063T-4R7MN2TM	4.7	37.0	44.0	5.8	5.2	10.5	9.0
VCMV063T-8R2MN2TM	8.2	62.0	74.4	4.5	4.1	6.7	5.7
VCMV063T-100MN2TM	10.0	81.0	97.2	3.9	3.5	6.3	5.4

VCMV063T-150MN2TM	15.0	116.0	139.2	3.3	3.0	4.5	3.9

VCUW064E MS5 (6.95 x 6.6 x 4.3mm) (Automotive-Grade)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
VCUW064E-R22MS5	0.22	2.0	2.4	22.2	20.0	57.2	49.0
VCUW064E-R47MS5	0.47	3.0	3.6	18.1	16.3	25.0	21.0
VCUW064E-1R0MS5	1.0	5.2	6.2	13.3	12.0	23.9	16.5
VCUW064E-1R5MS5	1.5	6.7	8.1	11.6	10.4	19.7	15.0
VCUW064E-2R2MS5	2.2	9.5	11.4	9.8	8.8	19.4	14.0
VCUW064E-3R3MS5	3.3	15.7	18.8	7.6	6.8	17.7	13.5
VCUW064E-4R7MS5	4.7	20.2	24.2	6.7	6.1	14.8	11.2
VCUW064E-6R8MS5	6.8	33.0	39.6	5.2	4.7	12.1	10.1
VCUW064E-8R2MS5	8.2	40.0	48.0	5.0	4.5	10.2	8.8
VCUW064E-100MS5	10.0	47.9	57.5	4.3	3.9	9.6	8.2
VCUW064E-150MS5	15.0	66.0	79.2	3.7	3.4	6.2	5.3
VCUW064E-220MS5	22.0	86.7	104.0	3.2	2.9	5.2	4.1
VCUW064E-330MS5	33.0	121.0	145.2	2.7	2.4	4.4	3.5
VCUW064E-470MS5	47.0	203.0	240.0	2.3	2.1	4.2	3.3
VCUW064E-680MS5	68.0	312.0	374.0	1.8	1.6	3.9	3.0
VCUW064E-101MS5	100.0	413.0	496.0	1.50	1.35	2.4	2.1

VCGA064G (6.0 x 6.0 x 4.5mm) (Automotive-Grade)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
VCGA064G-2R2MS5	2.2	18.0	21.6	5.53	5.05	10.0	8.6
VCGA064G-4R7MS5	4.7	35.0	42.0	3.95	3.36	7.0	5.8
VCGA064G-100MS5	10.0	57.0	68.4	3.40	2.89	4.7	4.0
VCGA064G-220MS5	22.0	143.0	171.6	2.20	1.87	3.4	2.9
VCGA064G-680MS5	68.0	358.0	429.6	1.31	1.20	1.57	1.40
VCGA064G-101MS5	100.0	540.0	648.0	1.10	1.00	1.4	1.2
VCGA064G-331MS5	330.0	1659.0	1990.0	0.57	0.51	0.8	0.67

7*7 SERIES

HMS0864B (7.6x7.4x6.4mm)

Part Number	L (uH)	DCR (mΩ) ± 8%	Isat (A)	Ir (A)	D (mm)
HMS0864B-R82	0.82	2.3	21.0	19.0	1.2
HMS0864B-1R0	1.0	2.3	18.5	19.0	1.2
HMS0864B-1R5	1.5	<2.8	12.0	19.0	1.2
HMS0864B-2R2	2.2	7.6	12.0	9.5	0.9
HMS0864B-3R3L	3.3	<5.0	10.5	13.6	0.9
HMS0864B-4R7	4.7	17.0	9.3	6.7	0.8
HMS0864B-6R8	6.8	20.0	7.8	5.8	0.8

HCME0711F-L (7.0x6.7x11.0mm)

Part Number	L (nH) ± 15%	Li (nH) MIN	DCR (mΩ) ± 10%	Isat (A) 25℃	Isat (A) 100℃	Isat (A) 125℃	Ir (A)
HCME0711F-700L	70	45	0.145	134	114	107	76
HCME0711F-101L	100	64	0.145	93	79	74	76
HCME0711F-121L	120	77	0.145	76	65	61	76
HCME0711F-151L	150	96	0.145	60	51	48	76
HCME0711F-221L	220	141	0.145	40	34	32	76
HCME0711F-331L	330	211	0.145	26	22	21	76
HCME0711F-471L	470	301	0.145	17	14	13	76

HCUVE768012F (7.6x8.2x12.0mm)

Part Number	L (nH) ± 10%	Li (nH) TYP	DCR (mΩ) ± 10%	Isat (A) 25℃	Isat (A) 100℃	Isat (A) 125℃	Ir (A)
HCUVE768012F-900	90	72	0.155	137	116	110	60
HCUVE768012F-101	100	80	0.155	124	105	99	60
HCUVE768012F-111	110	88	0.155	112	95	90	60
HCUVE768012F-121	120	96	0.155	103	87	82	60
HCUVE768012F-131	130	104	0.155	95	81	76	60

VCHA075D (7.7*7.2*5.4mm) (Automotive-Grade)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
VCHA075D-1R5MS6	1.5	6.1	7.3	11.4	10.3	16.3	14.0
VCHA075D-2R2MS6	2.2	9.5	11.4	9.7	8.7	14.8	12.7
VCHA075D-3R3MS6	3.3	14.0	15.4	8.0	7.2	13.5	11.6
VCHA075D-4R7MS6	4.7	19.0	20.9	7.0	6.3	13.1	11.2
VCHA075D-5R6MS6	5.6	21.5	24.0	6.5	5.9	10.6	9.1
VCHA075D-6R8MS6	6.8	24.2	26.6	6.1	5.5	10.2	8.7
VCHA075D-8R2MS6	8.2	29.0	31.9	5.6	5.0	9.0	7.7
VCHA075D-100MS6	10.0	34.5	38.0	5.2	4.7	8.0	6.9
VCHA075D-150MS6	15.0	60.0	66.0	3.8	3.4	6.9	5.9
VCHA075D-220MS6	22.0	85.0	93.5	3.3	3.0	6.3	5.4
VCHA075D-330MS6	33.0	116.0	127.6	3.2	2.8	4.9	4.2
VCHA075D-470MS6	47.0	156.0	171.6	2.4	2.2	4.1	3.5
VCHA075D-560MS6	56.0	182.0	209.3	2.2	2.0	3.3	2.8
VCHA075D-680MS6	68.0	222.0	255.0	2.0	1.8	2.8	2.4

VCUW075D (7.7*7.2*5.4mm) (Automotive-Grade)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
VCUW075D-101MS6	100.0	313.0	348.0	2.0	1.8	2.6	2.2

VCBD07066T (7.5*6.2*6.3mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
VCBD07066T-R10MS5	0.1	0.19	0.22	90.0	81.0	82.0	70.0

VCSC076T (7.7*7.2*6.0mm) (Automotive-Grade)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max

VCSC076T-100MS6K	10.0	64.8	77.8	3.3	3.0	7.5	6.4
VCSC076T-150MS6K	15.0	87.3	105.0	2.8	2.5	5.1	4.3
VCSC076T-220MS6K	22.0	115.0	138.0	2.50	2.25	4.3	3.7

8*8 SERIES

HCUVD8095 (8.0x8.0x9.5mm)

Part Number	L (nH) ± 10%	Li (nH) TYP	DCR (mΩ) ± 15%	Isat (A) 25℃	Isat (A) 100℃	Isat (A) 125℃	Ir (A)
HCUVD8095-301	300	240	0.8	67	54	50	28
HCUVD8095-401	400	320	0.8	50	40	37	28
HCUVD8095-471	470	376	0.8	41	33	31	28
HCUVD8095-601	600	480	0.8	32	26	24	28
HCUVD8095-801	800	640	0.8	24	19	18	28
HCUVD8095-102	1000	800	0.8	19	15	14	28

HCUVE806480 (8.0x6.4x8.0mm)

Part Number	L (nH) ± 10%	Li (nH) TYP	DCR (mΩ) ± 15%	Isat (A) 25℃	Isat (A) 100℃	Isat (A) 125℃	Ir (A)
HCUVE806480-121	120	86	0.18 ± 5%	75	61	56	61
HCUVE806480-151	150	108	0.18 ± 5%	59	48	44	61

HCUVE806412 (8.0x6.4x12.0mm)

Part Number	L (nH) ± 10%	Li (nH) TYP	DCR (mΩ) ± 15%	Isat (A) 25℃	Isat (A) 100℃	Isat (A) 125℃	Ir (A)
HCUVE806412-121	120	86	0.18 ± 10%	100	80	75	61
HCUVE806412-151	150	108	0.18 ± 10%	81	65	61	61

VCHA084T (9.0*8.3*3.8) (Automotive-Grade)

Part Number	L0 Inductance (uH)	DCR (mOhm) Typical	DCR (mOhm) Max	Heat rating current, Idc (A) Typical	Heat rating current, Idc (A) Max	Saturation current, Isat (A) Typical	Saturation current, Isat (A) Max
VCHA084T-70NMS6	0.07	0.45	0.55	79.0	71.0	80.0	70.0

VCHA085D (8.7*8.2*5.4mm) (Automotive-Grade)

Part Number	L0 Inductance (uH)	DCR (mOhm) Typical	DCR (mOhm) Max	Heat rating current, Idc (A) Typical	Heat rating current, Idc (A) Max	Saturation current, Isat (A) Typical	Saturation current, Isat (A) Max
VCHA085D-1R0MS6	1.0	4.0	4.8	18.0	16.2	22.0	18.9

VCHA085D-2R2MS6	2.2	6.0	7.2	15.0	13.5	16.7	14.3
VCHA085D-3R3MS6	3.3	9.8	11.8	14.0	12.6	16.3	14.0
VCHA085D-4R7MS6	4.7	13.0	15.6	9.2	8.3	16.0	13.7
VCHA085D-100MS6	10.0	32.0	36.0	5.8	5.2	14.0 N	12.0
VCHA085D-150MS6	15.0	44.0	52.8	5.2	4.7	7.8	6.7
VCHA085D-220MS6	22.0	56.0	67.0	4.5	4.1	7.2	6.2
VCHA085D-470MS6	47.0	122.0	135.0	2.9	2.6	5.6	4.8

VCHW084T (8.7*8.1*3.8mm) (Automotive-Grade)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
VCHW084T-R10MS5	0.10	0.50	0.60	61.4	55.2	64.0	55.0
VCHW084T-R22MS5	0.22	0.58	0.69	55.0	50.0	58.0	50.0
VCHW084T-R33MS5	0.33	1.0	1.2	41.0	37.0	40.0	35.0

9*9 SERIES

HCME0995 (9.3x5.0x9.5~9.65mm)

Part Number	L (nH) ± 15%	Li (nH) MIN	DCR (mΩ) ± 10%	Isat (A) 25℃	100℃	125℃	Ir (A)
HCME0995-101	100	70	0.125	90	73	67	63
HCME0995-151	150	105	0.125	61	49	45	63
HCME0995-331	330	231	0.125	23	19	17	63

HCB106480N (9.6x6.4x8.0mm)

Part Number	L (nH)	Li (nH) MIN	DCR (mΩ)	Isat (A) 25℃	100℃	125℃	Ir (A)
HCB106480N-101	100	72.0	0.29 ± 5%	95	77	71	51
HCB106480N-121	120	86.4	0.29 ± 5%	81	66	61	51
HCB106480N-151	150	108	0.29 ± 5%	66	54	49	51
HCB106480N-181	180	129	0.29 ± 5%	54	44	40	51
HCB106480N-221	220	158	0.29 ± 5%	45	37	34	51
HCB106480N-331	330	238	0.29 ± 5%	29	24	22	51

HCBS9610F (9.6x6.4x10.0mm)

Part Number	L (nH)	Li (nH) MIN	DCR (mΩ) ± 10%	Isat (A) 25℃	100℃	125℃	Ir (A)
HCBS9610F-700	70	50.4	0.145	124	115	108	78
HCBS9610F-101	100	72.0	0.145	95	82	76	78
HCBS9610F-121	120	86.4	0.145	78	67	62	78
HCBS9610F-221	220	158.4	0.145	38	34	30	78

HCUVE966490 (9.6x6.4x9.0mm)

Part Number	L (nH) ± 10%	Li (nH) MIN	DCR (mΩ) ± 5%	Isat (A) 25℃	100℃	125℃	Ir (A)
HCUVE966490-900	90	65	0.17 ± 5%	142	114	107	66
HCUVE966490-101	100	72	0.17 ± 5%	120	97	90	66
HCUVE966490-121	120	86	0.17 ± 5%	100	80	75	66
HCUVE966490-151	150	108	0.17 ± 5%	80	64	60	66

Part Number	L (nH) ± 10%	Li (nH) MIN	DCR (mΩ) ± 5%	Isat (A) 25℃	100℃	125℃	Ir (A)
HCUVE966490-171	170	122	0.17 ± 5%	69	55	52	66
HCUVE966490-181	180	130	0.17 ± 5%	64	51	48	66
HCUVE966490-211	210	151	0.17 ± 5%	50	40	37.5	66
HCUVE966490-221	220	158	0.17 ± 5%	46	37	34	66
HCUVE966490-301	300	216	0.17 ± 5%	35	28	26	66
HCUVE966490-401	400	288	0.17 ± 5%	22	17.5	16	66
HCUVE966490-471	470	338	0.17 ± 5%	18	14.5	13	66
HCUVE966490F-900	90	65	0.17 ± 5%	134	114	107	66
HCUVE966490F-101	100	72	0.17 ± 5%	112	97	90	66
HCUVE966490F-121	120	86	0.17 ± 5%	94	80	75	66
HCUVE966490F-151	150	108	0.17 ± 5%	75	64	60	66
HCUVE966490F-171	170	122	0.17 ± 5%	65	55	52	66
HCUVE966490F-181	180	130	0.17 ± 5%	60	51	48	66
HCUVE966490F-211	210	151	0.17 ± 5%	47	40	37.5	66
HCUVE966490F-221	220	158	0.17 ± 5%	44	37	34	66
HCUVE966490F-301	300	216	0.17 ± 5%	33	28	26	66
HCUVE966490F-401	400	288	0.17 ± 5%	21	17.5	16	66
HCUVE966490F-471	470	338	0.17 ± 5%	17	14.5	13	66

HCUVE9610 (9.6x6.4x10.0mm)

Part Number	L (nH)	Li (nH) MIN	DCR (mΩ) ± 10%	Isat (A) 25℃	100℃	125℃	Ir (A)
HCUVE9610-700	70	50	0.15 ± 10%	170	138	127	67
HCUVE9610-101	100	72	0.15 ± 10%	120	98	90	67
HCUVE9610-121	120	86	0.15 ± 10%	98	80	73	67
HCUVE9610-151	150	108	0.15 ± 10%	78	63	59	67
HCUVE9610-181	180	129	0.15 ± 10%	64	52	48	67
HCUVE9610-221	220	158	0.15 ± 10%	52	42	39	67
HCUVE9610-271	270	194	0.15 ± 10%	41	33	30	67
HCUVE9610-301	300	216	0.15 ± 10%	37	30	27	67
HCUVE9610-331	330	237	0.15 ± 10%	33	27	24	67
HCUVE9610F-700	70	50	0.15 ± 10%	162	138	127	67
HCUVE9610F-101	100	72	0.15 ± 10%	118	100	90	67

Part Number	L (nH)	Li (nH) MIN	DCR (mΩ) ± 10%	Isat (A) 25℃	100℃	125℃	Ir (A)
HCUVE9610F-121	120	86	0.15 ± 10%	98	83	73	67
HCUVE9610F-151	150	108	0.15 ± 10%	76	65	59	67
HCUVE9610F-181	180	129	0.15 ± 10%	62	53	48	67
HCUVE9610F-221	220	158	0.15 ± 10%	49	42	39	67
HCUVE9610F-271	270	194	0.15 ± 10%	39	33	30	67
HCUVE9610F-301	300	216	0.15 ± 10%	35	30	27	67
HCUVE9610F-331	330	237	0.15 ± 10%	32	27	24	67

HCUVE966412 (9.6x6.4x12.2mm)

Part Number	L (nH)	Li (nH) MIN	DCR (mΩ) ± 10%	Isat (A) 25℃	100℃	Ir (A)
HCUVE966412-121	120	86	0.175	126	101	65
HCUVE966412-151	150	108	0.175	101	81	65
HCUVE966412-181	180	130	0.175	81	66	65
HCUVE966412-211	210	151	0.175	70	56	65
HCUVE966412-221	220	158	0.175	65	52	65
HCUVE966412-251	250	180	0.175	58	46	65
HCUVE966412-271	270	194	0.175	53	42	65
HCUVE966412-301	300	216	0.175	46	37	65
HCUVE966412-401	400	288	0.175	34	27	65
HCUVE966412-471	470	338	0.175	29	23	65

TLM966411F (9.6x6.4x10.5mm)

Part Number	L (nH)	Li (nH) MIN	DCR (mΩ) ± 10% 1-4	2-3	Isat (A) 25℃	100℃	125℃	Ir (A) 1-4	2-3
TLM966411F-101	100	64	0.125	0.33	98	83	78	75	47
TLM966411F-121	120	77	0.125	0.33	79	67	63	75	47
TLM966411F-151	150	96	0.125	0.33	62	53	49	75	47
TLM966411F-181	180	115	0.125	0.33	54	46	43	75	47

TLM966413F (9.6x6.4x13.2mm)

Part Number	L (nH)	Li (nH) MIN	DCR (mΩ) ± 10%		Isat (A)			Ir (A)	
			1-4	2-3	25℃	100℃	125℃	1-4	2-3
TLM966413F-111	110	70	0.16	0.41	111	94	89	67	42
TLM966413F-121	120	77	0.16	0.41	102	87	82	67	42
TLM966413F-151	150	96	0.16	0.41	81	69	65	67	42

10*10 SERIES

CMLB104T (10.3*11.5*4.0mm)

Part Number	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
		Typical	Max	Typical	Max	Typical	Max
CMLB104T-R15MS	0.15	0.45	0.55	50.0	45.0	76.0	64.0
CMLB104T-R22MS	0.22	0.82	0.93	36.0	32.0	63.0	60.0
CMLB104T-R36MS	0.36	1.05	1.18	33.0	29.0	51.0	42.0
CMLB104T-R47MS	0.47	1.3	1.5	32.0	28.0	46.0	40.0
CMLB104T-R56MS	0.56	1.59	1.8	25.0	23.0	33.5	28.0
CMLB104T-1R0MS	1.0	2.85	3.3	19.0	17.0	29.0	26.0
CMLB104T-1R5MS	1.5	3.8	4.2	16.0	15.0	22.0	18.0
CMLB104T-2R2MS	2.2	6.0	7.0	12.0	11.0	20.0	16.0
CMLB104T-3R3MS	3.3	10.5	12.0	10.0	9.0	16.2	13.5
CMLB104T-4R7MS	4.7	16.8	20.0	8.5	7.6	15.2	13.0
CMLB104T-6R8MS	6.8	22.0	24.5	7.8	6.5	12.0	9.5
CMLB104T-8R2MS	8.2	24.0	26.5	7.6	6.2	9.0	8.0
CMLB104T-100MS	10.0	27.0	30.0	7.5	5.8	8.6	7.2
CMLB104T-150MS	15.0	39.5	45.0	6.3	5.0	8.0	6.9
CMLB104T-220MS	22.0	59.0	66.0	5.0	4.0	6.2	5.4
CMLB104T-330MS	33.0	84.0	91.0	4.4	3.5	5.5	5.0
CMLB104T-470MS	47.0	129.0	143.0	3.3	2.8	4.0	3.7

CMLE104T (10.3*11.5*4.0mm)

Part Number	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
		Typical	Max	Typical	Max	Typical	Max
CMLE104T-R22MS0R607	0.22	0.6 ± 7%		50.0	45.0	72.0	66.0
CMLE104T-R36MS0R765	0.36	0.76 ± 5%		43.0	38.0	53.0	45.0
CMLE104T-R45MS1R007	0.45	1.0 ± 7%		35.0	32.0	48.0	43.0
CMLE104T-R56MS1R407	0.56	1.4 ± 7%		34.0	31.0	38.0	35.0
CMLE104T-R68MS1R607	0.68	1.6 ± 7%		31.0	28.0	34.0	31.0
CMLE104T-R88MS2R307	0.88	2.3 ± 7%		27.0	24.0	33.0	28.5
CMLE104T-1R0MS2R307	1.0	2.3 ± 7%		25.0	22.5	32.0	28.0

CMLS104T (10.3*11.5*4.0mm)

Part Number	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
		Typical	Max	Typical	Max	Typical	Max
CMLS104T-R15MS	0.15	0.50	0.65	52.0	48.0	100.0	90.0
CMLS104T-R22MS	0.22	0.85	0.95	40.0	35.0	90.0	75.0
CMLS104T-R36MS	0.36	1.10	1.25	30.0	27.0	70.0	60.0
CMLS104T-R47MS	0.47	1.50	1.78	28.0	24.0	55.0	47.0
CMLS104T-R56MS	0.56	1.60	1.80	27.5	22.0	49.0	45.0
CMLS104T-R68MS	0.68	1.80	2.10	22.0	20.0	43.0	37.0
CMLS104T-1R0MS	1.0	2.70	3.20	20.0	18.0	41.0	36.0
CMLS104T-1R5MS	1.5	3.80	4.20	16.0	14.0	38.0	33.0
CMLS104T-2R2MS	2.2	6.40	7.00	12.5	11.0	27.0	23.0
CMLS104T-3R3MS	3.3	10.8	11.8	10.7	10.0	25.5	21.0
CMLS104T-4R7MS	4.7	14.0	16.3	10.0	9.0	19.0	17.0

HCFE107010 (10.0x7.0x10.0mm)

Part Number	L (nH) ± 10%	Li (nH) MIN	DCR (mΩ) ± 10%	Isat (A)			Ir (A)
				25℃	100℃	125℃	
HCFE107010-121	120	86	0.17	114	93	85	66
HCFE107010-151	150	108	0.17	91	74	68	66
HCFE107010-181	180	130	0.17	72	58	54	66
HCFE107010-221	220	158	0.17	57	46	43	66
HCFE107010-271	270	194	0.17	44	36	33	66
HCFE107010-331	330	231	0.17	35	28	26	66

HCME104610F (10.2x4.6x10.0mm)

Part Number	L (nH) ± 15%	Li (nH) MIN	DCR (mΩ) ± 10%	Isat (A)			Ir (A)
				25℃	100℃	125℃	
HCME104610F-700	70	50	0.23	141	120	113	70
HCME104610F-900	90	65	0.23	109	93	87	70
HCME104610F-101	100	72	0.23	98	83	78	70
HCME104610F-121	120	86	0.23	82	70	66	70
HCME104610F-151	150	108	0.23	65	55	52	70

HCUVD107010 (10.0x7.0x10.0mm)

Part Number	L (nH) ± 10%	Li (nH) MIN	DCR (mΩ) ± 10%	Isat (A) 25℃	100℃	125℃	Ir (A)
HCUVD107010-331L	330	231	0.81	67	54	50	30
HCUVD107010-471L	470	329	0.81	47	37	35	30
HCUVD107010-681L	680	476	0.81	36	29	27	30
HCUVD107010-821L	820	574	0.81	33	26	25	30
HCUVD107010-102L	1000	700	0.81	22	17	16	30

HCME1012 (10.0x6.0~6.2x12.0mm)

Part Number	L (nH)	Li (nH) MIN	DCR (mΩ) ± 10%	Isat (A) 25℃	100℃	125℃	Ir (A)
HCME1012-700	70	49	0.125	160	130	120	77
HCME1012-101	100	70	0.125	125	105	97	77
HCME1012-121	120	84	0.125	105	88	81	77
HCME1012-151	150	105	0.125	83	70	65	77
HCME1012-331	330	231	0.125	35	28	26	77
HCME1012F-700	70	49	0.125	150	130	120	77
HCME1012F-101	100	70	0.125	123	105	98	77
HCME1012F-121	120	84	0.125	103	88	82	77
HCME1012F-151	150	105	0.125	82	70	66	77
HCME1012F-331	330	231	0.125	33	28	26	77

HCME107512 (10.0x7.5~7.7x12.0mm)

Part Number	L (nH)	Li (nH) MIN	DCR (mΩ) ± 10%	Isat (A) 25℃	100℃	125℃	Ir (A)
HCME107512-900	90	58	0.103	157	128	118	84
HCME107512-101	100	64	0.103	148	120	111	84
HCME107512-121	120	77	0.103	123	100	92	84
HCME107512-151	150	96	0.103	98	80	73	84
HCME107512F-900	90	58	0.103	150	128	118	84
HCME107512F-101	100	64	0.103	141	120	111	84
HCME107512F-121	120	77	0.103	118	100	92	84
HCME107512F-151	150	96	0.103	94	80	73	84

HCB1075N (10.4x8.0x7.5mm)

Part Number	L (nH)	Li (nH) MIN	DCR (mΩ)	Isat (A) 25℃	100℃	125℃	Ir (A)
HCB1075N-121	115	92	0.29 ± 7%	94	76	71	41
HCB1075N-151	150	120	0.29 ± 7%	72	59	54	41
HCB1075N-181	175	140	0.29 ± 7%	62	50	47	41
HCB1075N-211	215	172	0.29 ± 7%	48	39	36	41
HCB1075N-231	230	184	0.29 ± 7%	43	35	32	41
HCB1075N-271	270	216	0.29 ± 7%	37	30	28	41
HCB1075N-311	310	248	0.29 ± 7%	32	26	24	41

HCB118080S (10.8x8.0x8.0~8.1mm)

Part Number	L (nH)	Li (nH) MIN	DCR (mΩ)	Isat (A) 25℃	100℃	125℃	Ir (A)
HCB118080S-101	100	72	0.17 ± 5%	132	105	99	79
HCB118080S-121	120	87	0.17 ± 5%	110	88	83	79
HCB118080S-151	150	108	0.17 ± 5%	90	72	68	79
HCB118080S-181	180	130	0.17 ± 5%	72	58	54	79
HCB118080S-221	220	158	0.17 ± 5%	57	46	43	79

HCUVE117512 (10.7x7.5x12.0mm)

Part Number	L (nH)	Li (nH) MIN	DCR (mΩ)	Isat (A) 25℃	100℃	125℃	Ir (A)
HCUVE117512-151	150	96	0.15 ± 10%	119	97	89	75
HCUVE117512-221	220	141	0.15 ± 10%	81	64	60	75
HCUVE117512-251	250	160	0.15 ± 10%	70	56	52	75
HCUVE117512-271	270	173	0.15 ± 10%	64	51	48	75
HCUVE117512-301	300	192	0.15 ± 10%	57	46	42	75
HCUVE117512-321	320	205	0.15 ± 10%	54	43	40	75
HCUVE117512-401	400	256	0.15 ± 10%	43.5	35	32	75
HCUVE117512-471	470	301	0.15 ± 10%	36	29	27	75
HCUVE117512-601	600	384	0.15 ± 10%	26	21	19	75

TLM104613F (10.2x4.6x13.0mm)

Part Number	L (nH)	Li (nH) MIN	DCR (mΩ) ± 10% 1-4	DCR (mΩ) ± 10% 2-3	Isat (A) 25℃	Isat (A) 100℃	Isat (A) 125℃	Ir (A) 1-4	Ir (A) 2-3
TLM104613F-900	90	65	0.23	0.85	111	94	89	70	36
TLM104613F-101	100	72	0.23	0.85	99	84	79	70	36
TLM104613F-121	120	86	0.23	0.85	82	70	66	70	36
TLM104613F-151	150	108	0.23	0.85	65	55	52	70	36

TLM106012F-L (10.0x6.0x12.0mm)

Part Number	L (nH)	Li (nH) MIN	DCR (mΩ) ± 10% DCR_P	DCR (mΩ) ± 10% DCR_S	Isat (A) 25℃	Isat (A) 100℃	Isat (A) 125℃	Ir (A) 1-4	Ir (A) 2-3
TLM106012F-101L	100	70	0.125	0.37	110	95	88	75	43
TLM106012F-121L	120	84	0.125	0.37	92	79	73	75	43
TLM106012F-151L	150	105	0.125	0.37	73	63	58	75	43

TLM107515F (10.0x7.5x15.0mm)

Part Number	L (nH)	Li (nH) MIN	DCR (mΩ) ± 10% 1-4	DCR (mΩ) ± 10% 2-3	Isat (A) 25℃	Isat (A) 100℃	Ir (A) 1-4	Ir (A) 2-3
TLM107515F-900	90	63	0.136	0.5	160	136	73	35
TLM107515F-111	105	74	0.136	0.5	145	123	73	35
TLM107515F-121	120	84	0.136	0.5	120	102	73	35
TLM107515F-151	150	105	0.136	0.5	95	81	73	35
TLM107515F-171	170	119	0.136	0.5	83	71	73	35

VCHA104T (10.85*10.0*3.8mm) (Automotive-Grade)

Part Number	L0 Inductance (uH)	DCR (mOhm) Typical	DCR (mOhm) Max	Heat rating current, Idc (A) Typical	Heat rating current, Idc (A) Max	Saturation current, Isat (A) Typical	Saturation current, Isat (A) Max
VCHA104T-R78MS6	0.78	1.9	2.2	27.0	24.3	18.3	15.7

VCHW104T (10.85*10.0*3.8mm) (Automotive-Grade)

Part Number	L0 Inductance (uH)	DCR (mOhm) Typical	DCR (mOhm) Max	Heat rating current, Idc (A) Typical	Heat rating current, Idc (A) Max	Saturation current, Isat (A) Typical	Saturation current, Isat (A) Max
VCHW104T-1R8MS5	1.8	4.5	5.0	17.0	15.3	21.0	18.0

VCHA105D (10.85*10.0*5.4mm) (Automotive-Grade)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
VCHA105D-R68MS6	0.68	1.85	2.22	32.0	28.8	46.0	39.4
VCHA105D-1R0MS6	1.0	2.30	2.76	30.0	27.0	37.0	31.7
VCHA105D-1R5MS6	1.5	3.50	4.20	24.8	22.3	26.8	23.0
VCHA105D-2R2MS6	2.2	4.1	4.9	23.0	20.7	25.0	21.4
VCHA105D-3R3MS6	3.3	6.2	7.4	18.7	16.8	19.0	16.3
VCHA105D-4R7MS6	4.7	8.3	10.0	14.5	13.0	15.7	13.5
VCHA105D-6R8MS6	6.8	12.0	14.0	12.0	10.8	13.3	11.4
VCHA105D-8R2MS6	8.2	18.0	20.7	10.6	9.5	13.0	11.1
VCHA105D-100MS6	10.0	21.0	24.2	8.7	7.8	12.7	10.9
VCHA105D-150MS6	15.0	27.2	31.3	7.6	6.8	9.2	7.9
VCHA105D-220MS6	22.0	43.5	50.0	6.0	5.4	8.8	7.5
VCHA105D-330MS6	33.0	65.5	75.3	4.8	4.3	7.6	6.5
VCHA105D-470MS6	47.0	89.0	103.0	4.1	3.6	4.9	4.2
VCHA105D-680MS6	68.0	132.0	152.0	3.3	3.0	4.2	3.6
VCHA105D-101MS6	100.0	203.0	234.0	2.8	2.5	3.5	3.0

VCUW105D (10.85*10.0*5.2mm) (Automotive-Grade)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
VCUW105D-R33MS5	0.33	1.1	1.21	47.0	42.3	56.7	48.6
VCUW105D-R68MS5	0.68	1.75	1.93	37.5	33.8	40.0	34.3

VCHA106E (10.85*10.0*6.3mm) (Automotive-Grade)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
VCHA106E-1R5MS6	1.5	2.8	3.3	27	24.3	34.5	29.5
VCHA106E-2R2MS6	2.2	3.8	4.6	25.3	22.7	31	26
VCHA106E-3R3MS6	3.3	4.9	5.9	20.0	18.0	28.6	24.5
VCHA106E-4R7MS6	4.7	7.5	9.0	16.5	14.9	26.2	22.5

VCHA106E-6R8MS6	6.8	11	13.2	13.4	12.1	21.4	18.3
VCHA106E-100MS6	10.0	15.4	18.5	10.6	9.5	20.7	17.7
VCHA106E-150MS6	15.0	26.1	31.2	8.6	7.7	18	13.7
VCHA106E-220MS6	22.0	38	45.6	7.3	6.6	10.5	9.0

VCHW105D (10.85*10.0*5.4mm) (Automotive-Grade)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
VCHW105D-R47MS5	0.47	1.6	1.92	35.0	31.5	39.7	34.0
VCHW105D-1R5MS5	1.45	3.75	4.60	23.5	21.2	35.1	30.1
VCHW105D-2R5MS5	2.5	5.3	5.9	21.0	18.9	27.2	23.3
VCHW105D-4R7MS5	4.7	8.5	10.0	16.0	14.0	21.0	18.3
VCHW105D-5R6MS5	5.6	10.0	12.0	15.0	13.5	15.0	13.0

VCMT104T (11.2*10.3*4mm) (Automotive-Grade)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
VCMT104T-1R5MN53M	1.5	4.10	4.92	18.7		15.4	
VCMT104T-2R2MN53M	2.2	8.0	8.76	12.3	11.1	13.9	11.9
VCMT104T-3R3MN53M	3.3	9.94	11.8	11.0	9.9	12.0	10.3
VCMT104T-4R7MN53M	4.7	13.2	15.0	9.8	8.8	11.0	9.4
VCMT104T-6R8MN53M	6.8	18.5	21.5	9.1	8.2	9.6	8.2
VCMT104T-8R2MN53M	8.2	25.3	29.0	7.7	6.9	7.1	6.1
VCMT104T-100MN53M	10.0	28.5	33.0	7.5	6.8	6.4	5.5
VCMT104T-150MN53M	15.0	42.5	49.0	6.0	5.4	5.4	4.6
VCMT104T-220MN53M	22.0	61.0	73.3	5.0	4.5	4.6	3.9
VCMT104T-330MN53M	33.0	89.0	102.0	4.0	3.6	4.2	3.5
VCMT104T-470MN53M	47.0	162.0	178.0	3.0	2.7	3.2	2.7
VCMT104T-R19MN54M	0.19	0.96	1.15	41.0	35.9	55.0	47.0
VCMT104T-R47MN54M	0.47	1.53	1.68	34.0	30.6	21.0	18.0
VCMT104T-R78MN54M	0.78	2.15	2.50	30.0	27.0	18.3	15.7
VCMT104T-1R0MN54M	1.0	2.70	3.10	23.7	21.3	20.4	17.5
VCMT104T-4R7MN53L	4.7	13.2	15.0	9.8		110	

VCMT104T-1R0MN5NL	1.0	2.7	3.1	23.0		18.0	

VCMV104T (10.85*10.0*3.8mm) (Automotive-Grade)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
VCMV104T-1R0MN23M	1.0	3.7	4.10	23.0	20.7	35.0	30.0
VCMV104T-4R7MN23M	4.7	14.1	16.5	12.0	10.8	17.0	14.6
VCMV104T-5R6MN23M	5.6	17.5	19.3	10.8	9.7	16.0	13.7
VCMV104T-180MN23M	18.0	55.0	66.0	5.2	4.7	8.4	7.2

VCSC108T (10.85*10.0*8.0mm) (Automotive-Grade)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
VCSC108T-100MS6K	10.0	31.0	37.2	5.3	4.8	12.4	10.6
VCSC108T-150MS6K	15.0	39.0	46.8	5.0	4.6	10.6	9.1
VCSC108T-220MS6K	22.0	83.0	99.0	3.4	3.1	8.3	7.1
VCSC108T-470MS6K	47.0	108.0	129.6	2.9	2.6	6.1	5.2

VCUW104T (10.85*10.0*4.0mm) (Automotive-Grade)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
VCUW104T-680MS63	68.0	183	210	2.8	2.5	4.0	3.4
VCUW104T-101MS63	100.0	240	288	2.4	2.2	2.9	2.5

VCMI104T (11.2*10.3*4mm) (Automotive-Grade)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
VCMI104T-150MN53	15.0	47.0	52.0	5.1	4.6	6.5	5.6
VCMI104T-330MN53	33.0	89.0	102.0	4.0	3.5	4.2	3.6

11*11 SERIES

HCB1190 (11.5x11.2x9.0mm)

Part Number	L (nH)	Li (nH) MIN	DCR (mΩ)	Isat (A) 25℃	100℃	125℃	Ir (A)
HCB1190-221	220	180	0.63 ± 9.5%	79	64	59	35
HCB1190-251	250	200	0.63 ± 9.5%	63	51	47	35
HCB1190-271	270	216	0.63 ± 9.5%	58	47	43	35
HCB1190-321	320	260	0.63 ± 9.5%	53	43	40	35
HCB1190-361	360	288	0.63 ± 9.5%	48	39	36	35
HCB1190-381	380	304	0.63 ± 9.5%	45	37	34	35
HCB1190-471	470	376	0.63 ± 9.5%	36	29	27	35
HCB1190-551	550	440	0.63 ± 9.5%	28	23	21	35
HCB1190-221L	220	180	0.31 ± 9.5%	79	64	59	50
HCB1190-251L	250	200	0.31 ± 9.5%	63	51	47	50
HCB1190-271L	270	216	0.31 ± 9.5%	58	47	43	50
HCB1190-321L	320	260	0.31 ± 9.5%	53	43	40	50
HCB1190-361L	360	288	0.31 ± 9.5%	48	39	36	50
HCB1190-381L	380	304	0.31 ± 9.5%	45	37	34	50
HCB1190-471L	470	376	0.31 ± 9.5%	36	29	27	50
HCB1190-551L	550	440	0.31 ± 9.5%	28	23	21	50
HCB1190-221L1	220	180	0.42 ± 9.5%	79	64	59	42
HCB1190-251L1	250	200	0.42 ± 9.5%	63	51	47	42
HCB1190-271L1	270	216	0.42 ± 9.5%	58	47	43	42
HCB1190-321L1	320	260	0.42 ± 9.5%	53	43	40	42
HCB1190-361L1	360	288	0.42 ± 9.5%	48	39	36	42
HCB1190-381L1	380	304	0.42 ± 9.5%	45	37	34	42
HCB1190-471L1	470	376	0.42 ± 9.5%	36	29	27	42
HCB1190-551L1	550	440	0.42 ± 9.5%	28	23	21	42

HCB1175 (11.0x7.2x7.5mm)

Part Number	L (nH)	Li (nH) MIN	DCR (mΩ)	Isat (A) 25℃	100℃	125℃	Ir (A)
HCB1175-121	120	102	0.29 ± 7%	76	62	57	48

HCB1175-151	150	128	0.29 ± 7%	70	57	53	48
HCB1175-181	180	153	0.29 ± 7%	56	46	42	48
HCB1175-201	200	170	0.29 ± 7%	52	42	39	48
HCB1175-231	230	196	0.29 ± 7%	44	36	33	48
HCB1175-281	280	238	0.29 ± 7%	36	29	27	48
HCB1175-301	300	255	0.29 ± 7%	34	28	26	48
HCB1175-361	360	306	0.29 ± 7%	25	20	19	48
HCB1175-401	400	340	0.29 ± 7%	23	19	17	48
HCB1175-501	500	425	0.29 ± 7%	17	14	13	48
HCB1175-121H	120	102	0.47 ± 10%	76	62	57	37
HCB1175-151H	150	128	0.47 ± 10%	70	57	53	37
HCB1175-181H	180	153	0.47 ± 10%	56	46	42	37
HCB1175-201H	200	170	0.47 ± 10%	52	42	39	37
HCB1175-231H	230	196	0.47 ± 10%	44	36	33	37
HCB1175-281H	280	238	0.47 ± 10%	36	29	27	37
HCB1175-301H	300	255	0.47 ± 10%	34	28	26	41
HCB1175-361H	360	306	0.47 ± 10%	25	20	19	37
HCB1175-401H	400	340	0.47 ± 10%	23	19	17	37
HCB1175-501H	500	425	0.47 ± 10%	17	14	13	37
HCB1175-121L	120	102	0.245 ± 10%	76	62	57	52
HCB1175-151L	150	128	0.245 ± 10%	70	57	53	52
HCB1175-181L	180	153	0.245 ± 10%	56	46	42	52
HCB1175-201L	200	170	0.245 ± 10%	52	42	39	52
HCB1175-231L	230	196	0.245 ± 10%	44	36	33	52
HCB1175-281L	280	238	0.245 ± 10%	36	29	27	52
HCB1175-301L	300	255	0.245 ± 10%	34	28	26	52
HCB1175-361L	360	306	0.245 ± 10%	25	20	19	52
HCB1175-401L	400	340	0.245 ± 10%	23	19	17	52
HCB1175-501L	500	425	0.245 ± 10%	17	14	13	52

TLM117513F (11.0x7.5x12.7mm)

	L (nH) ± 15%	Li (nH) TYP	DCR_P (mΩ) ± 10%	DCR_S (mΩ) ± 10%	Isat (A)		Ir _P (A)	Ir_S (A)
Part Number					25℃	100℃		
TLM117513F-900	90	63	0.105	0.27	145	123	116	80
TLM117513F-121	120	84	0.105	0.27	106	90	116	80

TLM117513F-131	130	91	0.105	0.27	98	83	116	80
TLM117513F-151	150	105	0.105	0.27	82	70	116	80

12*12 SERIES

TLM125012F (12.0x5.0x12.1mm)

	L (nH) ± 15%	Li (nH) TYP	DCR (mΩ) ± 10%	DCR (mΩ) ± 10%	Isat (A)		Ir (A)	
Part Number			1-4	2-3	25℃	100℃		
TLM125012F-700	70	50	0.125	0.45	145	126	75	40
TLM125012F-101	100	72	0.125	0.45	103	89	75	40
TLM125012F-121	120	86	0.125	0.45	85	74	75	40

TLM1211F (12.0x6.0x11.0mm)

	L (nH) ± 15%	Li (nH) TYP	DCR (mΩ) ± 10%	DCR (mΩ) ± 10%	Isat (A)		Ir (A)	
Part Number			1-4	2-3	25℃	100℃		
TLM1211F-111	105	84	0.125	0.37	125	106	77	45
TLM1211F-121	120	96	0.125	0.37	102	87	77	45
TLM1211F-151	150	120	0.125	0.37	84	71	77	45
TLM1211F-171	170	136	0.125	0.37	70	60	77	45
TLM1211F-201	200	160	0.125	0.37	58	50	77	45

TLM126012F (12.0x6.0x12.1mm)

	L (nH) ± 10%	Li (nH) MIN	DCR (mΩ) ± 10%	DCR (mΩ) ± 10%	Isat (A)			Ir (A)	
Part Number			1-4	2-3	25℃	100℃	125℃	1-4	2-3
TLM126012F-700	70	50	0.125	0.34	160	136	128	75	45
TLM126012F-101	100	72	0.125	0.34	130	112	103	75	45
TLM126012F-121	120	86	0.125	0.34	106	90	85	75	45
TLM126012F-151	150	108	0.125	0.34	83	71	66	75	45

TLM125514F (12.0x5.5x14.0mm)

	L (nH) ± 15%	Li (nH) TYP	DCR (mΩ) ± 10%	DCR (mΩ) ± 10%	Isat (A)		Ir (A)	
Part Number			1-4	2-3	25℃	100℃		
TLM125514F-900	90	63	0.24	0.42	177	150	55	42
TLM125514F-101	100	70	0.24	0.42	158	134	55	42
TLM125514F-121	120	84	0.24	0.42	130	110	55	42
TLM125514F-151	150	105	0.24	0.42	102	87	55	42

TLM125514F-171	170	119	0.24	0.42	88	75	55	42

HCME1211F (12.0x6.0x11.0mm)

Part Number	L (nH)	Li (nH) MIN	DCR (mΩ)	Isat (A) 25℃	Isat (A) 100℃	Isat (A) 125℃	Ir (A)
HCME1211F-700	70	49	0.125	159	135	127	77
HCME1211F-900	90	63	0.125	140	119	112	77
HCME1211F-101	100	70	0.125	118	100	94	77
HCME1211F-121	120	84	0.125	98	83	78	77
HCME1211F-151	150	105	0.125	76	65	61	77
HCME1211F-171	170	119	0.125	65	55	52	77

13*13 SERIES

CMLB135T (12.8*13.8*5.0mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
CMLB135T-R47MS	0.47	0.90	1.05	38.5	34.2	55.0	47.4
CMLB135T-R68MS	0.68	1.34	1.55	35.0	30.5	54.0	46.0
CMLB135T-R82MS	0.82	1.45	1.65	34.2	30.2	42.0	39.0
CMLB135T-1R0MS	1.0	1.80	2.20	30.0	27.0	36.0	32.5
CMLB135T-2R2MS	2.2	3.98	5.00	20.5	19.0	25.0	22.0
CMLB135T-3R3MS	3.3	5.50	7.00	15.5	14.0	22.5	19.5
CMLB135T-4R7MS	4.7	8.50	10.3	13.0	11.5	17.2	14.5
CMLB135T-6R8MS	6.8	13.0	15.0	11.5	10.0	15.0	12.0
CMLB135T-100MS	10.0	18.9	22.0	9.0	8.1	13.0	10.5
CMLB135T-150MS	15.0	30.0	35.0	7.0	6.3	8.0	6.8

CMLS135T (12.8*13.8*5.0mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
CMLS135T-R47MS	0.47	1.05	1.3	38.0	34.0	75.0	65.0
CMLS135T-R56MS	0.56	1.30	1.5	35.0	31.0	71.0	61.0
CMLS135T-R68MS	0.68	1.48	1.7	34.0	30.0	70.0	60.0
CMLS135T-1R0MS	1.0	2.05	2.5	29.0	26.0	58.0	50.0
CMLS135T-1R5MS	1.5	3.30	4.1	24.2	21.2	49.0	38.0
CMLS135T-2R2MS	2.2	4.50	5.2	20.0	18.5	36.0	32.0
CMLS135T-3R3MS	3.3	7.50	8.6	15.0	13.5	33.0	28.4
CMLS135T-4R7MS	4.7	12.5	15.0	12.2	10.8	28.0	23.0

CMLB136T (12.8*13.8*6.0mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
CMLB136T-8R2MS	8.2	13.5	16.0	11.0	10.0	16.0	13.5
CMLB136T-100MS	10.0	17.7	20.7	10.0	9.5	13.5	11.5
CMLB136T-150MS	15.0	24.0	27.5	8.0	7.0	10.0	9.0
CMLB136T-220MS	22.0	33.0	39.0	7.0	6.5	7.6	6.9
CMLB136T-330MS	33.0	60.0	70.0	5.0	4.7	6.1	5.4
CMLB136T-470MS	47.0	78.0	88.0	4.5	4.0	5.7	5.2
CMLB136T-680MS	68.0	119.5	140.0	3.5	3.0	5.5	4.7
CMLB136T-101MS	100.0	178.0	198.0	3.0	2.7	4.0	3.5
CMLB136T-151MS	150.0	300.0	347.0	2.5	2.2	3.0	2.7

CMLS136E (12.8*13.8*6.5mm)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
CMLS136E-R68MS	0.68	1.45	1.68	35.0	32.0	75.0	70.0
CMLS136E-1R0MS	1.0	1.80	2.15	31.0	28.0	53.0	50.0
CMLS136E-1R5MS	1.5	2.3	2.6	28.0	27.0	51.0	48.0
CMLS136E-1R8MS	1.8	2.7	3.1	25.0	24.0	49.0	47.0
CMLS136E-2R2MS	2.2	3.49	4.20	22.5	21.5	46.0	42.0
CMLS136E-3R3MS	3.3	3.75	4.40	22.0	20.0	42.0	40.0
CMLS136E-4R7MS	4.7	7.8	8.5	16.0	15.0	30.0	26.0
CMLS136E-6R8MS	6.8	11.5	13.5	12.5	11.0	26.0	22.0
CMLS136E-100MS	10.0	16.0	18.5	11.0	9.0	20.0	18.0
CMLS136E-150MS	15.0	32.0	37.0	8.5	7.5	15.0	13.0
CMLS136E-220MS	22.0	38.0	44.0	6.5	5.8	11.5	10.0

VCMT136E-MN54M (13.8*12.8*6.5mm) (Automotive-Grade)

Part Number	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
		Typical	Max	Typical	Max	Typical	Max
VCMT136E-1R0MN54M	1.0	1.65	1.77	43.2	38.9	26.0	22.3
VCMT136E-2R2MN54M	2.2	4.0	4.5	21.0	18.9	17.5	15.0
VCMT136E-3R3MN54M	3.3	5.0	6.0	18.3	16.5	17.0	14.6
VCMT136E-4R7MN54M	4.7	8.0	8.7	15.0	13.5	13.5	11.6
VCMT136E-5R6MN54M	5.6	9.3	10.0	14.0	12.6	12.0	10.3
VCMT136E-6R8MN54M	6.8	9.8	11.3	14.2	12.8	10.5	9.0
VCMT136E-8R2MN54M	8.2	12.0	13.8	13.2	11.9	10.0	8.6
VCMT136E-100MN54M	10.0	15.2	17.2	11.0	9.9	9.2	7.9
VCMT136E-150MN54M	15.0	24.5	28.2	8.7	7.8	7.2	6.2
VCMT136E-220MN54M	22.0	35.5	40.0	7.0		6.3	
VCMT136E-330MN54M	33.0	60.0	69.0	5.5	5.0	4.3	3.7
VCMT136E-470MN54M	47.0	90.0	104.0	4.2	3.8	3.8	3.3

VCMV136E (13.45*12.6*6.3mm) (Automotive-Grade)

Part Number	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
		Typical	Max	Typical	Max	Typical	Max
VCMV136E-R47MN24M	0.47	1.0	1.2	41.0	36.9	63.0	54.0
VCMV136E-1R5MN24M	1.5	2.3	2.75	27.6	24.8	45.0	38.0
VCMV136E-2R2MN24M	2.2	3.1	3.7	26.5	23.9	32.0	29.0
VCMV136E-3R3MN24M	3.3	5.7	6.6	22.9	20.6	35.0	30.0
VCMV136E-4R7MN24M	4.7	8.0	9.6	14.8	13.3	27.3	23.4
VCMV136E-100MN24M	10.0	14.7	17.6	10.9	9.8	18.8	16.1
VCMV136E-680MN24M	68.0	109.0	130.0	4.0	3.6	6.4	5.5

VCMI136E (13.45*12.6*6.3mm) (Automotive-Grade)

Part Number	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
		Typical	Max	Typical	Max	Typical	Max
VCMI136E-R47MN54M	0.47	1.1	1.3	41.0	36.9	63.0	54
VCMI136E-1R0MN54M	1.0	1.7	2.1	32.0	27.4	50.0	42.8

VCMI136E-1R5MN54M	1.5	2.5	3	26.3	23.7	36.0	30.9
VCMI136E-2R2MN54M	2.2	3.1	3.7	22.0	20.5	34.0	29
VCMI136E-3R3MN54M	3.3	4.6	5.6	18.6	16.5	30.0	25.7
VCMI136E-4R7MN54M	4.7	5.9	6.9	17.1	15.4	21.3	18.2
VCMI136E-6R8MN54M	6.8	9.2	11.4	14.2	12.8	21.2	18.2
VCMI136E-100MN54M	10.0	13.6	16.3	11.7	10.7	17.5	15
VCMI136E-150MN54M	15.0	21.8	25.0	9.2	8.3	12.5	10.7
VCMI136E-330MN54M	33.0	52.50	57.75	5.88	5.30	11.40	9.77

HCB1380 (13.0~13.3x13.0x8.0~8.2mm)

Part Number	L (nH)	Li (nH) MIN	DCR (mΩ)	Isat (A) 25℃	100℃	125℃	Ir (A)
HCB1380-211	210	180	0.26 ± 9.4%	80	65	60	50
HCB1380-251	250	212	0.26 ± 9.4%	66	54	50	50
HCB1380-261	260	221	0.26 ± 9.4%	63	51	47	50
HCB1380-321	320	272	0.26 ± 9.4%	47	38	35	50
HCB1380-361	360	306	0.26 ± 9.4%	43	35	32	50
HCB1380-441	440	374	0.26 ± 9.4%	34	28	26	50
HCB1380-501	500	425	0.26 ± 9.4%	28	23	21	50
HCB1380-211H	210	180	0.53 ± 11.5%	80	65	60	35
HCB1380-251H	250	212	0.53 ± 11.5%	66	54	50	35
HCB1380-261H	260	221	0.53 ± 11.5%	63	51	47	35
HCB1380-321H	320	272	0.53 ± 11.5%	47	38	35	35
HCB1380-361H	360	306	0.53 ± 11.5%	43	35	32	35
HCB1380-441H	440	374	0.53 ± 11.5%	34	28	26	35
HCB1380-501H	500	425	0.53 ± 11.5%	28	23	21	35
HCB1380-211H1	210	180	0.32 ± 9.4%	80	65	60	45
HCB1380-251H1	250	212	0.32 ± 9.4%	66	54	50	45
HCB1380-261H1	260	221	0.32 ± 9.4%	63	51	47	45
HCB1380-321H1	320	272	0.32 ± 9.4%	47	38	35	45
HCB1380-361H1	360	306	0.32 ± 9.4%	43	35	32	45
HCB1380-441H1	440	374	0.32 ± 9.4%	34	28	26	45
HCB1380-501H1	500	425	0.32 ± 9.4%	28	23	21	45
HCB1380-211L	210	180	0.165 ± 10%	80	65	60	68
HCB1380-251L	250	212	0.165 ± 10%	66	54	50	68

HCB1380-261L	260	221	0.165 ± 10%	63	51	47	68
HCB1380-321L	320	272	0.165 ± 10%	47	38	35	68
HCB1380-361L	360	306	0.165 ± 10%	43	35	32	68
HCB1380-441L	440	374	0.165 ± 10%	34	28	26	68
HCB1380-501L	500	425	0.165 ± 10%	28	23	21	68

HMP1360 (13.5x13.2x6.2mm)

Part Number	L (nH)	Li (nH) MIN	DCR (mΩ)	ISAT (A)	*Ir (A)*
HMP1360-0R5	0.50	0.40	1.0	40	45
HMP1360-R56	0.56	0.45	1.0	30	45
HMP1360M-0R6	0.60	0.48	1.0	35	45
HMP1360-1R0	1.00	0.80	1.3	30	35
HMP1360-1R0HS	1.00	0.80	2.5	40	25
HMP1360-1R2	1.20	0.96	1.3	25	35
HMP1360M-2R2	2.20	1.76	2.5	18	25
HMP1360M-2R4HS	2.40	1.50	6.6	30	15

TLB138050F (13.0x8.0x5.0mm)

Part Number	L (nH) ± 15%	Li (nH) TYP	DCR (mΩ) ± 10% 1-4	DCR (mΩ) ± 10% 2-3	Isat (A) 25℃	Isat (A) 100℃	Ir (A)	
TLB138050F-101	100	64	0.55	0.99	90	72	30	22
TLB138050F-121	120	77	0.55	0.99	73	58	30	22
TLB138050F-151	150	96	0.55	0.99	57	46	30	22
TLB138050F-181	180	115	0.55	0.99	45	36	30	22
TLB138050F-201	200	128	0.55	0.99	39	31	30	22

15*15 SERIES

HMP1580 (15.0x15.0x8.0mm)

Part Number	L (nH)	Li (nH) TYP	DCR (mΩ)	ISAT (A) 25℃	ISAT (A) 100℃	*Ir (A)*
HMP1580-0R7	0.7	0.5	1.22	55	45	54
HMP1580-1R5	1.5	1.1	1.5	30	25	29

17*17 SERIES

CMLB177T (17.15*17.5*7.0mm)

Part Number	L0 Inductance (uH)	DCR (mOhm) Typical	DCR (mOhm) Max	Heat rating current, Idc (A) Typical	Heat rating current, Idc (A) Max	Saturation current, Isat (A) Typical	Saturation current, Isat (A) Max
CMLB177T-2R2MS	2.2	2.1	2.5	37	30	38	33
CMLB177T-3R3MS	3.3	3.4	3.95	29	26	30	26
CMLB177T-4R7MS	4.7	4.0	4.6	27	24	28	24
CMLB177T-6R8MS	6.8	6.5	7.5	21	19	25	22
CMLB177T-8R2MS	8.2	8.0	8.6	16	15	22	20
CMLB177T-100MS	10.0	9.2	9.9	14	13	20	18.5
CMLB177T-150MS	15.0	13.8	15.3	12	11	15.5	13.5
CMLB177T-220MS	22.0	20	23	9.7	8.7	12.0	10.5
CMLB177T-330MS	33.0	32	37	9.2	8.0	10.5	8.6
CMLB177T-470MS	47.0	40	47	6.8	6.0	8.5	7.5
CMLB177T-680MS	68.0	73	85	5.2	4.7	8.0	6.8
CMLB177T-101MS	100.0	110	130	3.7	3.3	6.0	5.0

HMP1710 (17.5x17.0x10.0mm)

Part Number	L (uH)	Li (uH) MIN	DCR (mΩ) MAX	Isat (A)	Ir (A)
HMP1710M-2R0	2.0	1.44	1.3	37	54
HMP1710-3R3	3.3	2.4	1.8	27.5	25
HMP1710-4R7	4.7	3.4	2.9	25	22
HMP1710-6R8	6.8	4.9	5.6	25	14

VCMV177T-MN2 (17.15*16.95*6.8mm) (Automotive-Grade)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
VCMV177T-2R2MN2	2.2	2.20	2.64	33.0	29.7	44.1	37.8
VCMV177T-150MN2	15.0	15.0	18.0	13.0	11.7	20.3	17.4
VCMV177T-330MN2	33.0	31.0	37.2	8.9	8.0	12.7	10.8

VCMV177T-MN2NL (17.15*16.95*6.8mm) (Automotive-Grade)

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
VCMV177T-3R3MN2NL	3.3	3.4	4.1	30.0	27.0	37.8	32.8

19*19 SERIES

HMP1911 (19.5x19.5x11.5mm)

Part Number	L (uH)	Li (uH) MIN	DCR (mΩ) MAX	Isat (A)	Ir (A)
HMP1911-2R0	2.0	1.44	0.88	50	56

20*20 SERIES

HMP2015L (20.0x20.5x14.05mm)

Part Number	L (uH)	Li (uH)	DCR (mΩ) MAX	Isat (A)	Ir (A)
HMP2015L-6R8	6.8	4.9	3.0	33.5	29

21*21 SERIES

HMP211X (21.7x21.5x12.5~13.0mm)

Part Number	L (uH)	Li (uH) MIN	DCR (mΩ) MAX	Isat (A)	Ir (A)	C (mm) MAX
HMP2112HG-150L	15	11.2	3.7	16	21	12.5
HMP2112H-100	10	7.2	3.7	23	21	12.5
HMP2113HG-120	12	8.6	4.6	23	22	13.0

23*23 SERIES

HMP2312 (23.5x23.5x12.0mm)

Part Number	L (uH)	Li (uH)	DCR (mΩ) MAX	Isat (A)	Ir (A)
HMP2312-2R0A	2.0	1.35	0.7	60	75

HMP241X (23.5x24.0x13.0~14.5mm)

Part Number	L (uH)	Li (uH) MIN	DCR (mΩ) MAX	Isat (A)	Ir (A)	C (mm) MAX
HMP2413-2R0	2.0	1.44	0.5±10%	63	80	13.0
HMP2413-3R3	3.3± 20%	2.38	0.8±10%	50	63	13.0
HMP2414MG-1R5H	1.5± 20%	0.96	1.44 MAX	125	50	14.5

28*28 SERIES

HMQ28XX (28.0x28.0x15.36~17.78mm)

Part Number	L (uH)	Li (uH) MIN	DCR (mΩ) MAX	Isat (A)	Ir (A)	C (mm) MAX
HMQ2815-1R5	1.5±15%	20% drop	1.43	115	36	15.4
HMQ2815-100	10	20% drop	2.05	21.5	30	15.36
HMQ2818-6R8	6.8	20% drop	2.86	45	28	17.78
HMQ2818-100	10	20% drop	2.86	31.2	28	17.78
HMQ2818-150	15	20% drop	2.86	21.2	28	17.78
HMQ2818-220	22±20%	20% drop	2.86	14	28	17.78

Audio Choke

VAMV06077E (6.9*7.6*7.3mm) (Automotive-Grade)

Part Number	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
		Typical	Max	Typical	Max	Typical	Max
VAMV06077E-1R0MM2	1.0	5.4	6.5	9.8	8.8	19.3	16.5
VAMV06077E-2R2MM2	2.2	10.0	12.0	7.2	6.5	15.8	13.5
VAMV06077E-3R3MM2	3.3	16.0	19.2	5.7	5.1	13.0	11.1
VAMV06077E-5R0MM2	5.0	25.0	30.0	4.5	4.1	12.0	10.3
VAMV06077E-6R8MM2	6.8	36.0	43.2	4.0	3.6	8.8	7.5
VAMV06077E-8R2MM2	8.2	38.3	45.9	3.7	3.3	7.7	6.6
VAMV06077E-100MM2	10.0	43.0	49.0	3.5	3.2	6.8	5.8
VAMV06077E-150MM2	15.0	75.0	90.0	2.7	2.4	6.0	5.1
VAMV06077E-220MM2	22.0	112.0	134.0	2.2	2.0	4.3	3.7

VAMV08089A (8.15*8.0*8.9mm) (Automotive-Grade)

Part Number	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
		Typical	Max	Typical	Max	Typical	Max
VAMV08089A-3R3MM2	3.3	13.2	15.8	6.3	5.6	16.8	14.4
VAMV08089A-6R8MM2	6.8	23.5	28.2	4.7	4.2	9.6	8.2
VAMV08089A-100MM2	10.0	33.0	40.0	4.0	3.6	8.0	6.8
VAMV08089A-150MM2	15.0	57.0	68.4	3.0	2.7	6.6	5.6
VAMV08089A-220MM2	22.0	88.0	105.0	2.4	2.2	4.6	3.9

VAMV1009AA (10.2*9.2*10.85mm) (Automotive-Grade)

Part Number	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
		Typical	Max	Typical	Max	Typical	Max
VAMV1009AA-1R0MM2	1.0	3.3	4.0	13.0	12.0	50.0	43.0
VAMV1009AA-2R2MM2	2.2	5.0	6.0	10.0	9.0	32.0	27.5
VAMV1009AA-3R3MM2	3.3	7.5	8.6	9.0	8.0	26.0	23.4
VAMV1009AA-5R6MM2	5.6	14.0	16.8	6.4	5.8	19.0	16.0
VAMV1009AA-100MM2	10.0	18.0	22.0	5.8	5.2	12.0	10.0
VAMV1009AA-150MM2	15.0	34.0	40.8	4.5	4.0	9.0	7.7

	L0 Inductance (uH)	DCR (mOhm)		Heat rating current, Idc (A)		Saturation current, Isat (A)	
Part Number		Typical	Max	Typical	Max	Typical	Max
VAMV1009AA-220MM2	22.0	46.0	56.0	3.6	3.2	8.5	7.3

Common Mode Choke

CAN-BUS Type (Automotive-Grade)

3225 Series

Part Number	Dimension (mm)	Common Mode Inductance (uH)	Common Mode Impedance (Ω)		DCR (Ω)	Insulation Resistance (MΩ)
			Typ.	Min.	Typ.	Max.
VFB3225-510	3.4 x 2.5 x 2.6	51	1000	2600	0.7	10
VFB3225-510-NB	3.4 x 2.5 x 2.6	51	1000	2600	0.7	10
VFB3225-101	3.4 x 2.5 x 2.6	100	2200	5100	1.5	10
VFC3225-510	3.4 x 2.5 x 2.6	51	1000	2600	0.9	10
VFC3225-101	3.4 x 2.5 x 2.6	100	2200	5100	2	10

4532 Series

Part Number	Dimension (mm)	Common Mode Inductance (uH)	Common Mode Impedance (Ω)		DCR (Ω)	Insulation Resistance (MΩ)
			Typ.	Min.	Typ.	Max.
VFB4532-220	4.5 x 3.2 x 2.6	22.0	500	1200	1.0	10
VFB4532-510	4.5 x 3.2 x 2.6	51.0	1000	3000	1.0	10
VFB4532-101	4.5 x 3.2 x 2.6	100.0	2000	6000	2.0	10

Ethernet Type (Automotive-Grade)

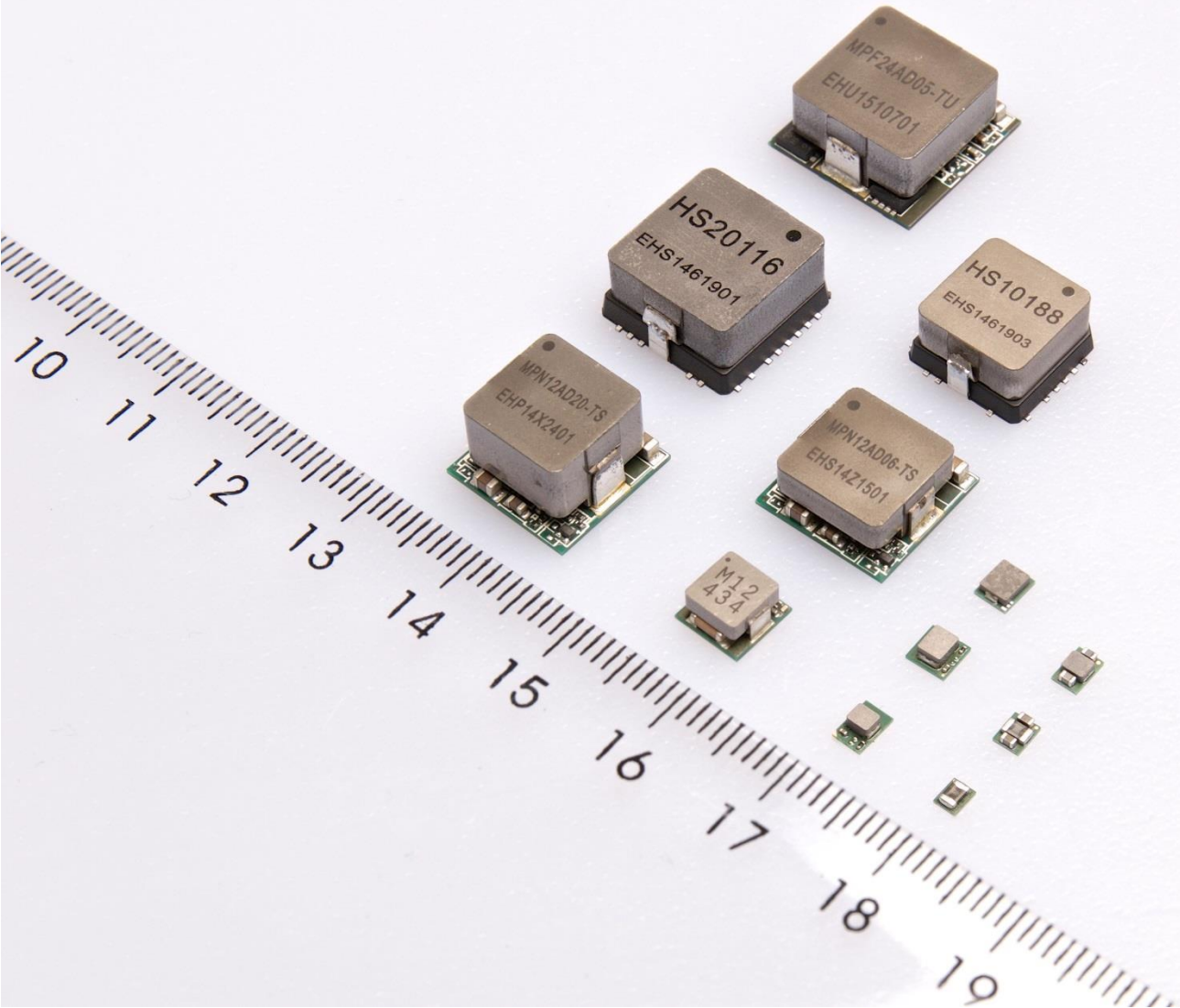
Part Number	Dimension (mm)	Common Mode Inductance (uH)	DCR (Ω)	Insulation Resistance (MΩ)
			Typ.	Max.
VFE3225-201	3.4 x 2.5 x 2.6	200	5.5	10
VFE3225-800-NB	3.4 x 2.5 x 2.6	80	2.4	10
VFE3225-201-NB	3.4 x 2.5 x 2.6	200	5.5	10

Power Module

Cyntec Power Modules are Point of Load (POL) DC-DC converters integrating controller chips, chokes and I/O capacitors into a single power management package for step-down(buck) or step-up(boost) applications. The low profile and compact size enables significant saving of board space, high efficiency enhances application performance, and design structure allows automated assembly by standard surface mount equipment. In service, Cyntec provides strong and timely design and development support for customized products and packages.

APPLICATION

- Miniature portable (1A, 2A, 3A): SSD, Smartphone, USB, DSP, MCU, Wearable, Video Surveillance, Small Cell, Industrial Control Circuit
- Industrial (5A, 6A, 12A, 20A): video system, video surveillance, base-station, FPGA, networking, server, switching, storage, IPC, industrial, equipment



PRODUCT SPECIFICATION

Power Module (Consumer-Grade)

0.6A

Part Number	Dimension(mm)			Input Voltage(V)	Output Voltage(V)
	L	W	T		
MUN3C1BR6-SB	2.5	2.0	1.1	2.7~5.5	1.2
MUN3C1CR6-SB	2.0	2.5	1.1	2.7~5.5	1.25
MUN3C1DR6-SB	2.0	2.5	1.1	2.7~5.5	1.35
MUN3C1ER6-SB	2.5	2.0	1.1	2.7~5.5	1.5
MUN3C1HR6-SB	2.5	2.0	1.1	2.7~5.5	1.8

1A

Part Number	Dimension(mm)			Input Voltage(V)	Output Voltage(V)
	L	W	T		
MUN3CAD01-SB	2.0	2.5	1.1	2.5~5.5	0.8~4.0
MMN12AD01-SG	2.6	3.9	1.5	4.5~16.0	0.8~6.0
MUN3CAD01-SC	2.9	2.3	1.05	2.7~5.5	0.8~4.0
MUN12AD01-SG	3.9	2.6	1.7	4.5~16.0	0.8~6.0
MUN12AD01-SH	3.5	3.5	1.7	4.5~17.0	1.0~5.0
MUN24AD01-SH	3.5	3.5	1.7	4.5~28.0	2.0~8.5
MUN123C01-SGB	3.9	2.6	1.7	4.5~16.0	3.3

2A

Part Number	Dimension(mm)			Input Voltage(V)	Output Voltage(V)
	L	W	T		
MUN3CAD02-JE	3.5	2.5	1.5	2.7~5.5	0.6~3.3

3A

Part Number	Dimension(mm)			Input Voltage(V)	Output Voltage(V)
	L	W	T		
MUN3CAD03-JB	2.5	2.0	1.3	2.5~5.5	0.6~4
MUN12AD03-SEC	2.8	3.0	1.5	4.5~17.0	0.8~5.5
MUN12AD03-SECM	2.8	3.0	1.7	4.5~17.0	0.8~5.5
MUN3CAD03-JE	3.0	2.8	1.3	2.7~5.5	0.6~4
MUN3CAD03-SE	2.8	3.0	1.3	2.75~5.5	0.6~3.3
MUN3CAD03-SF	3.0	3.0	1.3	2.75~5.5	0.6~3.3

MUN12AD03-SH	3.5	3.5	1.7	4.5~16.0	0.6~5.0
MUN12AD03-SM	6.0	6.0	3.5	4.5~16.0	0.6~5.0
MUN24AD03-SM	6.0	6.0	3.5	4.5~34.0	5.0~12.0
MUN20AD03-SM	6.0	6.0	3.5	9.0~24.0	0.6~5.5
MPN24AD03-UP-T	7.4	8.6	6.0	4.75~26.5	3.0~21.0

5A

Part Number	Dimension(mm)			Input Voltage(V)	Output Voltage(V)
	L	W	T		
MUN3CAD05-JF	3.0	3.0	1.5	2.7~5.5	0.6~3.3
MUN12AD05-SMFH	6.0	6.0	3.5	4.5~20.0	1.9~5.0
MUN12AD05-SMFL	6.0	6.0	3.5	4.5~20.0	0.6~1.8

6A

Part Number	Dimension(mm)			Input Voltage(V)	Output Voltage(V)
	L	W	T		
MUN12AD06-SM	6.0	6.0	3.5	7.0~24.0	0.6~6.0

12A

Part Number	Dimension(mm)			Input Voltage(V)	Output Voltage(V)
	L	W	T		
MSN12AD12-MP	8.6	7.5	6.5	4.5~16.0	0.6~5.5

20A

Part Number	Dimension(mm)			Input Voltage(V)	Output Voltage(V)
	L	W	T		
MSN12AD20-MQ	10.0	9.0	6.5	4.5~15.0	0.6~5.5

30A

Part Number	Dimension(mm)			Input Voltage(V)	Output Voltage(V)
	L	W	T		
MSN12VD30-FR	14.2	7.8	6.35	4.5~16.0	0.5~2.5

RESISTORS

At Cyntec we do widely use combinations of substrate materials (ceramic, glass, silicon material, etc…) and processing technologies (photolithography, thick film technologies) to produce passive components such as chip resistors, resistor network and current sensors which provide the best design and performance solutions for the computer and communication products.

Chip Resistor

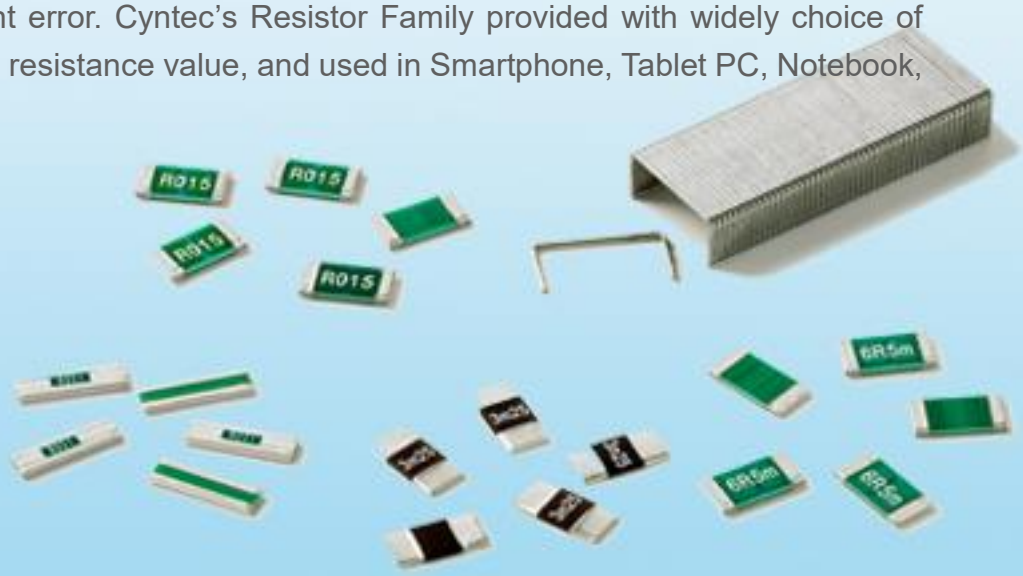
Cyntec offers various series of chip resistors based on thin film and thick film types to apply to all electronic equipment. The feature of chip resistor is high precision and miniaturization size that down to 01005size.

Resistor Network

Cyntec resistor network is an effective solution for high-density which can down to 0201*4 array. It also benefit for cost reduction and space-saving.

Current Sensing Resistor

Cyntec has developed a series of current sensing resistor which characterized with miniaturization down to 01005 size, high power up to 3W, high precision, and low TCR. Besides the thin film and thick film, we develop the new processing technology to bond metal foil and ceramic substrate together. Base on the new technical perform, we can keep the competitive strength of low TCR. Otherwise, we also designed 4Pin-4Wire Kelvin's measurement on pad directly to decrease the measurement error. Cyntec's Resistor Family provided with widely choice of power rating and resistance value, and used in Smartphone, Tablet PC, Notebook, and Server.



PRODUCT SPECIFICATION

CURRENT SENSING RESISTOR (Consumer-Grade)

0201

Part Number	Dimension		Power Rating (W)	Resistance Value (mΩ)	Resistance Tolerance	TCR (ppm/℃)
	Metric (mm)	Inch (mil)				
RLM-0603-K	0603	0201	1/5W	5 10 20	±1%(F)	±150
RLM-0603-C	0603	0201	1/10W	5 10 20	±1%(F)	±150
RLM-0603-3	0603	0201	1/4W	5 10 20	±1%(F)	±150
RL-0603-C	0603	0201	1/10W	20 50 100 150	±1%(F)	±200
RLT0306-C	0603	0201	1/10W	500 ~ 2000	±1%(F)	±200

0402

Part Number	Dimension		Power Rating (W)	Resistance Value (mΩ)	Resistance Tolerance	TCR (ppm/℃)
	Metric (mm)	Inch (mil)				
RLM-0510-FL	1005	0402	1/3W	5 10 20	±1%(F)	±100
RLM-0510-7F	1005	0402	1/6W	10 20	±1%(F)	±200
RL-1005-7	1005	0402	1/6W	40 50 60	±1%(F)	0~500
RLT0510-3	1005	0402	1/4W	65~1000	±1%(F)	±200
RLM-0510-FT	1005	0402	1/3W	2.5 3	±1%(F)	±150

0603

Part Number	Dimension		Power Rating (W)	Resistance Value (mΩ)	Resistance Tolerance	TCR (ppm/℃)
	Metric (mm)	Inch (mil)				
RLM0816T4F-4	1608	0603	1/2W	1 2 3 5	±1%(F)	±150
RLM-0816-4F	1608	0603	1/2W	2 5 10 20	±1%(F)	±75
RLT0816-3	1608	0603	1/4W	0.05~<10	±1%(F)	±200

0805

Part Number	Dimension		Power Rating (W)	Resistance Value (mΩ)	Resistance Tolerance	TCR (ppm/℃)
	Metric (mm)	Inch (mil)				
RLM-1220-4F	2012	0805	1/2W	2 3 5 10 15 20	±1%(F)	±100
SCRR0805SD	2012	0805	1/2W	20~500	1%(F)	±100
RLM-2012W-6F	1220	0508	1W	1 2 5 10	±1%(F)	±150
SCRR0508WD	1220	0508	1/2W	20~510	±0.5%(D) ±1%(F)	±200

Part Number	Dimension		Power Rating (W)	Resistance Value (mΩ)	Resistance Tolerance	TCR (ppm/℃)
	Metric (mm)	Inch (mil)				
RLM-1220-6F	2012	0805	1W	1.5 2 3 5 10	±1%(F)	±100
RLB-1220S-6S	2012	0805	1W	1	±1%(F)	±150

1206

Part Number	Dimension		Power Rating (W)	Resistance Value (mΩ)	Resistance Tolerance	TCR (ppm/℃)
	Metric (mm)	Inch (mil)				
SCMM1206S1	3216	1206	1W	1~10	±1%(F)	±75
SCMM1206SA	3216	1206	1.5W	1~5	±1(F)	±75
SCRR1206S1	3216	1206	1W	10~1000	±1%(F)	±100
RL1632T4F-B	1632	1206	1.5W	1 1.5 2 3 4 5	±1%(F)	±100
RLM-1632-6F	1632	1206	1W	3 5 10	±1%(F)	±100
RLM-1632W-6F	1632	0612	1W	1 2 3 5 10	±1%(F)	±100
SCRR0612W1	1632	0612	1W	10~1000	±1%(F)	±100
SCRR0612W2	1632	0612	2W	10~150	±1%(F)	±200
RL1632T4F	1632	1206	1W	0.5 0.75 1 2 3 4 5 7 9	±1%(F)	±100
RL1632T4F	1632	1206	1W	10 20 25 100 200	±1%(F)	±150
RLB-1632W	1632	0612	1W	1.5 2	±1%(F)	±100

2512

Part Number	Dimension		Power Rating (W)	Resistance Value (mΩ)	Resistance Tolerance	TCR (ppm/℃)
	Metric (mm)	Inch (mil)				
SCMM2512S2	6432	2512	2W	15	±1%(F)	±50
SCMM2512S3	6432	2512	3W	0.3~10	±1%(F)	±50~±125
SCMM2512S4	6432	2512	4W	3	±1%(F)	±50
SCMM2512S5	6432	2512	5W	2	±1%(F)	±50
SCMM2512S6	6432	2512	6W	0.3~1	±1%(F)	±50~±125
SCRR2512S2	6432	2512	2W	10~1000	±1%(F)	±100

3922

Part Number	Dimension	Power Rating	Resistance Value	Resistance	TCR

	Metric (mm)	Inch (mil)	(W)	(mΩ)	Tolerance	(ppm/℃)
SCMM3922S5	10055	3922	5W	3, 4	±1%(F)	±50~±100
SCMM3922S7	10055	3922	7W	2	±1%(F)	±50~±100
SCMM3922S9	10055	3922	9W	0.2~1	±1%(F)	±50~±100

CURRENT SENSING RESISTOR (Automotive-Grade)

0805

Part Number	Dimension		Power Rating (W)	Resistance Value (mΩ)	Resistance Tolerance	TCR (ppm/℃)
	Metric (mm)	Inch (mil)				
VSRP0805SD	2012	805	1/2W	20~500	±0.5%(F)	±100
VSRP0508WD	1220	508	1/2W	20~510	±1%(F)	±200

1206

Part Number	Dimension		Power Rating (W)	Resistance Value (mΩ)	Resistance Tolerance	TCR (ppm/℃)
	Metric (mm)	Inch (mil)				
VSML1206SA	3216	1206	1.5W	1~5	±1%(F)	±75
VSRP1206S1	3216	1206	1W	10~1000	±0.5%(F)	±100
VSRP1206SB	3216	1206	3/4W	1100~10000	±1%(F)	±100
VSRP1206SD	3216	1206	1/2W	10~1000	±1%(F)	±100
VSML1206S1	3216	1206	1W	1~10	±1%(F)	±75
VSRP0612W1	1632	612	1W	10~1000	±1%(F)	±100
VSRP0612W2	1632	612	2W	10~150	±1%(F)	±100

2512

Part Number	Dimension		Power Rating (W)	Resistance Value (mΩ)	Resistance Tolerance	TCR (ppm/℃)
	Metric (mm)	Inch (mil)				
VSML2512S2	6432	2512	2W	15	±1%(F)	±50
VSML2512S3	6432	2512	3W	0.3~10	±1%(F)	±50~±125
VSML2512S4	6432	2512	4W	3	±1%(F)	±75
VSML2512S5	6432	2512	5W	2	±1%(F)	±75
VSML2512S6	6432	2512	6W	0.3~1	±1%(F)	±75~±125
VSRP2512S1	6432	2512	1W	10~1000	±1%(F)	±100
VSRP2512S2	6432	2512	2W	10~1000	±1%(F)	±100

3922

Part Number	Dimension		Power Rating (W)	Resistance Value (mΩ)	Resistance Tolerance	TCR (ppm/℃)
	Metric (mm)	Inch (mil)				
VSML3922S5	10055	3922	5W	3, 4	±1%(F)	±50~±100
VSML3922S7	10055	3922	7W	2	±1%(F)	±50~±100
VSML3922S9	10055	3922	9W	0.2~1	±1%(F)	±50~±100

VSML3922ST	10055	3922	12W	0.2	±1%(F)	±50~±100

SHUNT SENSOR (Automotive-Grade)

6918

Part Number	Dimension (mm)		Power Rating (W)	Resistance Value (mΩ)	Resistance Tolerance	TCR (ppm/℃)
	L	W				
VSMB6918SZ	69.25	18.0	36W	0.150	± 5%(J)	0.150mΩ: ±100
VSMB6918SY	69.25	18.0	36W	0.100	± 5%(J)	0.100mΩ: ±100
VSPA6918SY	69.25	18.0	36W	0.100	± 5%(J)	0.100mΩ: ±100

8420

Part Number	Dimension (mm)		Power Rating (W)	Resistance Value (mΩ)	Resistance Tolerance	TCR (ppm/℃)
	L	W				
VSMA8420AY	84.0	20.0	36W	0.050	± 5%(J)	0.050mΩ: ±100

8436

Part Number	Dimension (mm)		Power Rating (W)	Resistance Value (mΩ)	Resistance Tolerance	TCR (ppm/℃)
	L	W				
VSMB8436SY	84.0	36.0	36W	0.025	± 5%(J)	0.025mΩ: ±100

6918 (Connector Type)

Part Number	Dimension (mm)		Max Current (A)	Resistance Value (mΩ)	Resistance Tolerance	TCR (ppm/℃)
	L	W				
VGE00-400VN-000	69.25	18.0	400A	0.150	± 5%(J)	0.150mΩ: ±100
VGE00-500VN-010	69.25	18.0	500A	0.100	± 5%(J)	0.100mΩ: ±150

8420 (Connector Type)

Part Number	Dimension (mm)		Max Current (A)	Resistance Value (mΩ)	Resistance Tolerance	TCR (ppm/℃)
	L	W				
VGA00-500VN-010	84.00	20	500	0.05	±5%(J)	0.050mΩ: ±100

8436 (Connector Type)

Part Number	Dimension (mm)		Max Current (A)	Resistance Value (mΩ)	Resistance Tolerance	TCR (ppm/℃)
	L	W				
VGB00-1K0VN-070	84.00	36	1000	0.025	±5%(J)	0.025mΩ: ±200
VGB00-800VN-050	84.00	36	800	0.025	±5%(J)	0.025mΩ: ±100

SHUNT SENSOR MODULE (Automotive-Grade)

8420 (Connector Type)

Part Number	Dimension (mm)		Nominal Current Range	Accuracy	Operating temperature	Operating Voltage
	L	W				
VGAS2-500CB-000	84.00	57.0	±500A	±0.2%	-40~105℃	12V
VGAS2-500TB-000	84.00	57.0	±500A	±0.2%	-40~105℃	12V

8436 (Connector Type)

Part Number	Dimension (mm)		Nominal Current Range	Accuracy	Operating temperature	Operating Voltage
	L	W				
VGBS3-1K0CB-000	84.00	73	±1000	±0.2%	-40~105℃	12V
VGBS3-1K0TB-000	84.00	73	±1000	±0.2%	-40~105℃	12V

RESISTOR (Consumer-Grade)

008004

Part Number	Dimension		Power Rating (W)	Resistance Value (Ω)	Resistance Tolerance	TCR (ppm/℃)
	Metric (mm)	Inch (mil)				
CRNHYSE	0201	008004	1/70W	10~1M	±5%(J)	±200

09005

Part Number	Dimension		Power Rating (W)	Resistance Value (Ω)	Resistance Tolerance	TCR (ppm/℃)
	Metric (mm)	Inch (mil)				
RR0203S	03015	09005	1/50W	10~1M	±1%(F)	±200

01005

Part Number	Dimension		Power Rating (W)	Resistance Value (Ω)	Resistance Tolerance	TCR (ppm/℃)
	Metric (mm)	Inch (mil)				
PFR02S	0402	01005	1/32W	1~10M	±1%(F)	±200
RR0204S	0402	01005	1/32W	1~10M	±1%(F)	±200
RR0204SE	0402	01005	1/32W	10~1M	±1%(F)	±200
CRTFQSS	0402	01005	1/32W	1~2M	±1%(F)	±200

0201

Part Number	Dimension		Power Rating (W)	Resistance Value (Ω)	Resistance Tolerance	TCR (ppm/℃)
	Metric (mm)	Inch (mil)				
PFR03S	0603	0201	1/20W	1~10M	±0.5%(D) ±1%(F)	±200
RR0306S	0603	0201	1/20W	1~10M	±0.5%(D) ±1%(F)	±200
RR0306SE	0603	0201	1/20W	10~1M	±1%(F)	±200
CRTFKSR	0603	0201	1/20W	1~2M	±0.5%(D) ±1%(F)	±200

0402

Part Number	Dimension		Power Rating (W)	Resistance Value (Ω)	Resistance Tolerance	TCR (ppm/℃)
	Metric (mm)	Inch (mil)				
PFR05	1005	0402	1/16W	1~10M	±0.5%(D) ±1%(F)	±25
RR0510	1005	0402	1/16W	1~10M	±0.5%(D) ±1%(F)	±25
RR0510SE	1005	0402	1/16W	10~1M	±1%(F)	±200
CRTFHXQ	1005	0402	1/16W	1~2M	±0.5%(D) ±1%(F)	±50

HPFR05S	1005	0402	1/5W 1/8W	1~1K	±1%(F)	±200

0603

Part Number	Dimension		Power Rating (W)	Resistance Value (Ω)	Resistance Tolerance	TCR (ppm/℃)
	Metric (mm)	Inch (mil)				
HPFR08S	1608	0603	2/5W	1~10K	±1%(F)	±200

0805

Part Number	Dimension		Power Rating (W)	Resistance Value (Ω)	Resistance Tolerance	TCR (ppm/℃)
	Metric (mm)	Inch (mil)				
HPFR12S	2012	0805	1/2W	1~3K	±0.5%(D) ±1%(F)	±200

1206

Part Number	Dimension		Power Rating (W)	Resistance Value (Ω)	Resistance Tolerance	TCR (ppm/℃)
	Metric (mm)	Inch (mil)				
HPFR16S	3216	1206	1W	1~1K	±0.5%(D) ±1%(F)	±150

RESISTOR (Automotive-Grade)

0201

Part Number	Dimension		Power Rating (W)	Resistance Value (Ω)	Resistance Tolerance	TCR (ppm/℃)
	Metric (mm)	Inch (mil)				
VRNSKR	0603	0201	1/20W	1~10M	±0.5%, ±1%	±200

0402

Part Number	Dimension		Power Rating (W)	Resistance Value (Ω)	Resistance Tolerance	TCR (ppm/℃)
	Metric (mm)	Inch (mil)				
VRNSHN	1005	0402	1/10W	1~10M	±0.5%, ±1%	±100
VRLSHN	1005	0402	1/10W	1~10M	±0.5%, ±1%	±100
VRASHN	1005	0402	1/10W	1~10M	±0.5%, ±1%	±100

0603

Part Number	Dimension		Power Rating (W)	Resistance Value (Ω)	Resistance Tolerance	TCR (ppm/℃)
	Metric (mm)	Inch (mil)				
VRNSIN	1608	0603	1/10W	1~10M	±0.5%, ±1%	±100
VRNSIL	1608	0603	1/8W	1~10M	±0.5%, ±1%	±100
VRASIN	1608	0603	1/10W	1~10M	±1%	±100

0805

Part Number	Dimension		Power Rating (W)	Resistance Value (Ω)	Resistance Tolerance	TCR (ppm/℃)
	Metric (mm)	Inch (mil)				
VRNSGL	2012	0805	1/8W	1~10M	±0.5%, ±1%	±100
VRNSGG	2012	0805	1/4W	1~10M	±0.5%, ±1%	±100

PT SENSOR

The Platinum Resistance Temperature Detector (Pt-RTD) chip consists of a thin film Platinum film deposited on a high purity aluminum oxide substrate. In a chip form, the Pt-RTD provides a significant cost advantage compared to the conventional wire wound Pt-RTD. Due to the stability of the TCR of the platinum element, OTP Protection function, the highly advanced packaging materials, and processing technologies, the Pt-RTD in a chip form is able to withstand temperatures ranging from -260°C to 1000°C.

The main feature of Pt-RTD is the linear relationship between temperature and resistance value. It is a key characteristic needed to be able to measure temperature over a very wide range of operating temperatures. Pt-RTD will maintain a significant rate of range of resistance vs. temperature change in the high range of the operating temperature which is ideal for digital control, unlike PTC and NTC which do not provide such a performance at high temperature. As a thin film specialist, Cyntec provides Pt-RTD chips in a wide range of resistance values such as: 20, 100, 500, and 1000Ω with TCR of 3750 and 3850 PPM/°C and resistance tolerances of 0.06%, 0.12%, 0.24%, and 0.48%.

APPLICATION

Home Appliances, Industrial Equipment, Automotives, Medical, Electronics

PRODUCT SPECIFICATION

Part Number	Dimension		Nominal Resistance at 0°C	TCR (ppm/℃)	Operating Temperature Range
	sensor body	wire length			
SE10255018	3.2*1.6	None	1000Ω±0.48%	3750	-55°C~125°C
SA10100609	1.7*2.8	10.0	100Ω±0.12%	3850	-50°C~500°C
SA50160527	2.0*3.0	10.0	500Ω±0.06%	3850	-50°C~500°C
SA50100585	2.0*3.0	10.0	500Ω±0.12%	3850	-50°C~500°C
SA10260539	2.0*3.0	10.0	1000Ω±0.06%	3850	-50°C~500°C
SA10200542	2.0*3.0	10.0	1000Ω±0.12%	3850	-50°C~500°C
SA10101553	ψ3.0*6.0	8.0	100Ω±0.12%	3850	-50°C~500°C
SA50101528	ψ3.0*6.0	8.0	500Ω±0.12%	3850	-50°C~500°C
SA10201521	ψ3.0*6.0	8.0	1000Ω±0.12%	3850	-50°C~500°C
CYN-8Y-001	ψ6.0*106.0	550.0	500Ω±0.24%	3850	-40°C~538°C
CYN-8Y-002	ψ5.0*78.0	152.0	1000Ω±0.4%	3750	-40°C~538°C

CONTACT US

Beside the standard products, we also make customize products according to your different request and specifications. If you have any question or request, please contact us. We will reply to you as soon as possible.

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