
























# INDUCTOR SELECTION GUIDE

## Power Inductors Shielded / Unshielded - SMT



RoHS Compliant

	TYPE	DIMENSIONS (mm)Max.	Structure	INDUCTANCE RANGE	RATED DC CURRENT	SMT / THT
	<b>Size : 2x2</b>	<b>(L)x(W)x(Ht)</b>		0 10 100 1,000		
New	 SQH2010S	2.2x1.8x1.02	Shielded Geschirmt	1.0uH  22uH	0.28A~1.26A	SMT
	 SQH2012S	2.1x2.1x1.2	Shielded Geschirmt	1.0uH  4.7uH	1.10A~1.90A	SMT
	<b>Size : 2.5x2</b>	<b>(L)x(W)x(Ht)</b>		0 10 100 1,000		
New	 SQH2510S	2.7x2.2x1.02	Shielded Geschirmt	1.0uH  22uH	0.45A~1.98A	SMT
	 SQH2512S	2.7x2.2x1.2	Shielded Geschirmt	1.0uH  10uH	0.85A~1.00A	SMT
	<b>Size : 3x3</b>	<b>(L)x(W)x(Ht)</b>		0 10 100 1,000		
	 SQH3010S	3.1x3.1x1.0	Shielded Geschirmt	1.0uH  47uH	0.22A~1.30A	SMT
New	 SQH3010SHP	3.1x3.1x1.0	Shielded Geschirmt	1.2uH  22uH	0.38A~1.70A	SMT
	 SQH3012S	3.1x3.1x1.2	Shielded Geschirmt	1.0uH  47uH	0.25A~1.50A	SMT
New	 SQH3012SHP	3.1x3.1x1.2	Shielded Geschirmt	1.0uH  22uH	0.50A~2.20A	SMT
	 SQH3015S	3.1x3.1x1.5	Shielded Geschirmt	1.0uH  47uH	0.32A~2.10A	SMT
	 SDR31	3.8x3.3x1.45	Unshielded Ungeschirmt	3.3uH  390uH	0.10A~1.00A	SMT
	 SDR32	3.8x3.3x2.5	Unshielded Ungeschirmt	1.0uH  82uH	0.28A~2.08A	SMT
New	 SDR32S	3.8x3.3x2.5	Semi-Shielded Teigeschirmt	0.3uH  33uH	0.62A~5.70A	SMT
	 SDC2D09	3.2x3.2x1.0	Shielded Geschirmt	1.2uH  10uH	0.28A~0.80A	SMT
	 SDC2D11	3.2x3.2x1.2	Shielded Geschirmt	1.5uH  10uH	350mA~900mA	SMT
	 SDC2D11HP	3.2x3.2x1.2	Shielded Geschirmt	1.5uH  10uH	520mA~1300mA	SMT
	 SDC2D14	3.2x3.2x1.55	Shielded Geschirmt	1.5uH  22uH	620mA~1800mA	SMT

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RoHS Compliant

TYPE	DIMENSIONS (mm)Max.	Structure	INDUCTANCE RANGE	RATED DC CURRENT	SMT / THT
Size : 4x4	(L)x(W)x(Ht)				
SDC2D14HPS	3.2x3.2x1.6	Shielded Geschirmt	1.0uH  330uH	100mA~2000mA	SMT
SDC2D18LD	3.2x3.2x2.0	Shielded Geschirmt	2.2uH  47uH	200mA~850mA	SMT
SDC2D18HP	3.2x3.2x2.0	Shielded Geschirmt	1.7uH  15uH	700mA~1850mA	SMT
New SQH4010S	4.2x4.2x1.0	Shielded Geschirmt	1.0uH  47uH	0.24A~1.80A	SMT
SQH4012S	4.2x4.2x1.2	Shielded Geschirmt	1.0uH  47uH	0.35A~2.50A	SMT
SQH4018S	4.2x4.2x1.8	Shielded Geschirmt	1.0uH  220uH	0.27A~4.00A	SMT
SDR43	4.8x4.3x3.7	Unshielded Ungeschirmt	1.0uH  68uH	0.37A~2.56A	SMT
SDC3D11	4.0x4.0x1.2	Shielded Geschirmt	2.7uH  39uH	140mA~530mA	SMT
SDC3D11HP	4.0x4.0x1.2	Shielded Geschirmt	1.5uH  22uH	530mA~2000mA	SMT
SDC3D14HPS	4.0x4.0x1.5	Shielded Geschirmt	1.0uH  22uH	650mA~2600mA	SMT
SDC3D14HP	4.0x4.0x1.5	Shielded Geschirmt	1.0uH  22uH	650mA~2600mA	SMT
SDC3D14LD	4.0x4.0x1.5	Shielded Geschirmt	1.0uH  47uH	250mA~1500mA	SMT
SDC3D16	4.0x4.0x1.8	Shielded Geschirmt	1.5uH  33uH	320mA~1500mA	SMT
SDC3D16HP	4.0x4.0x1.8	Shielded Geschirmt	1.7uH  33uH	460mA~2000mA	SMT
SDC3D18	4.0x4.0x2.0	Shielded Geschirmt	1.0uH  47uH	400mA~2800mA	SMT
SDC3D28	4.0x4.0x3.0	Shielded Geschirmt	3.3uH  47uH	280mA~2000mA	SMT
SDC3D28LD	4.0x4.0x3.0	Shielded Geschirmt	10uH  220uH	116mA~500mA	SMT
SDS4012D	4.2x4.3x1.2	Shielded Geschirmt	1.2uH  33uH	390mA~2000mA	SMT

# INDUCTOR SELECTION GUIDE

## Power Inductors Shielded / Unshielded



RoHS Compliant




















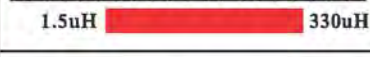
















TYPE	DIMENSIONS (mm)Max.	Structure	INDUCTANCE RANGE	RATED DC CURRENT	SMT / THT
Size : 4x4	(L)x(W)x(Ht)		0 10 100 1,000		
SDS4015D 	4.2x4.3x1.5	Shielded Geschirmt		350mA~2300mA	SMT
SDS4018D 	4.2x4.3x1.8	Shielded Geschirmt		400mA~2700mA	SMT
SDS4012E 	4.4x4.4x1.25	Shielded Geschirmt		500mA~3000mA	SMT
SDS4015E 	4.4x4.4x1.6	Shielded Geschirmt		520mA~3000mA	SMT
SDS4018E 	4.4x4.4x1.8	Shielded Geschirmt		400mA~3200mA	SMT
Size : 5x5	(L)x(W)x(Ht)	Structure	INDUCTANCE RANGE	RATED DC CURRENT	SMT / THT
			0 10 100 1,000		
SQH5010S 	5.2x5.2x1.0	Shielded Geschirmt		0.55A~2.35A	SMT
SQH5012S 	5.2x5.2x1.2	Shielded Geschirmt		1.20A~4.50A	SMT
SQH5014S 	5.2x5.2x1.4	Shielded Geschirmt		1.40A~3.80A	SMT
SQH5020S 	5.2x5.2x2.0	Shielded Geschirmt		0.90A~4.00A	SMT
SQH5024S 	5.2x5.2x2.4	Shielded Geschirmt		1.00A~5.80A	SMT
SQH5040S 	5.2x5.2x4.1	Shielded Geschirmt		1.10A~6.00A	SMT
SDS5020 	5.2x5.2x2.0	Shielded Geschirmt		230mA~2.15A	SMT
SDS5030A 	5.2x5.2x3.0	Shielded Geschirmt		430mA~3.87A	SMT
SDC4D14 	5.0x5.0x1.5	Shielded Geschirmt		280mA~1.60A	SMT
SDC4D14HP 	5.0x5.0x1.5	Shielded Geschirmt		510mA~2.25A	SMT
SDC4D18 	5.0x5.0x2.0	Shielded Geschirmt		140mA~1.72A	SMT
SDC4D22 	5.0x5.0x2.4	Shielded Geschirmt		210mA~2.0A	SMT

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## Power Inductors Shielded / Unshielded



RoHS Compliant






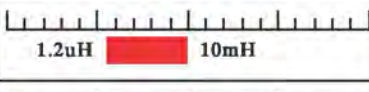

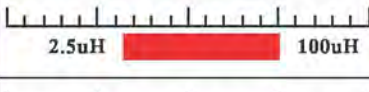



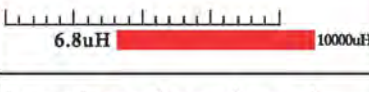





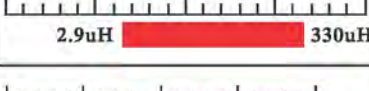



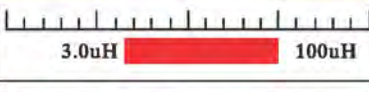

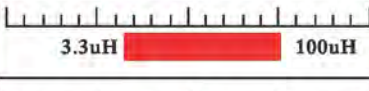

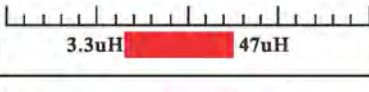

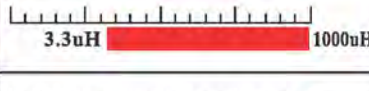



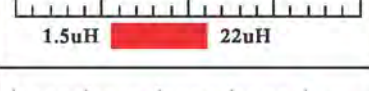


TYPE	DIMENSIONS (mm)Max.	Structure	INDUCTANCE RANGE	RATED DC CURRENT	SMT / THT
Size : 6x6	(L)x(W)x(Ht)		0 10 100 1,000		
SDC4D22HP 	5.0x5.0x2.4	Shielded Geschirmt	1.2uH  100uH	480mA~4.2A	SMT
SDC4D28 	5.0x5.0x3.0	Shielded Geschirmt	1.2uH  180uH	220mA~2.56A	SMT
New SDC4D38 	5.0x5.0x4.0	Shielded Geschirmt	0.22uH  100uH	680mA~13.00A	SMT
SQH6010S 	6.2x6.2x1.0	Shielded Geschirmt	1.5uH  22uH	0.65A~2.40A	SMT
SQH6012S 	6.2x6.2x1.2	Shielded Geschirmt	2.5uH  100uH	0.35A~2.10A	SMT
New SQH6014S 	6.2x6.2x1.4	Shielded Geschirmt	1.2uH  22uH	0.95A~4.10A	SMT
SQH6020S 	6.2x6.2x2.0	Shielded Geschirmt	0.8uH  22uH	1.05A~5.50A	SMT
SQH6028S 	6.2x6.2x2.8	Shielded Geschirmt	0.9uH  100uH	0.62A~6.60A	SMT
SQH6045S 	6.2x6.2x4.5	Shielded Geschirmt	1.0uH  100uH	0.80A~8.50A	SMT
New SQH6045CS 	6.4x6.2x4.5	Shielded Geschirmt	1.5uH  330uH	0.54A~5.70A	SMT
SDH1608X 	6.6x4.45x2.92	Unshielded Ungeschirmt	1.0uH  1000uH	0.1A~2.9A	SMT
SDO1608 	6.6x4.45x2.92	Unshielded Ungeschirmt	1.0uH  1000uH	0.1A~2.9A	SMT
SDS1608X 	6.6x4.45x2.92	Shielded Geschirmt	1.0uH  10000uH	20mA~3A	SMT
SDS1608 	6.6x4.45x2.92	Shielded Geschirmt	1.0uH  10000uH	20mA~3A	SMT
SDT1608 	6.6x4.45x2.92	Shielded Geschirmt	1.0uH  1000uH	80mA~2A	SMT
SPO1704 	6.6x5.5x1.1	Unshielded Ungeschirmt	1.2uH  330uH	0.13A~2.1A	SMT
SDR54 	6.1x5.5x4.8	Unshielded Ungeschirmt	10uH  220uH	0.35A~1.44A	SMT
New SDR54S 	6.1x5.5x4.8	Semi-Shielded Teigeschirmt	1.0uH  100uH	0.8A~8.50A	SMT

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RoHS Compliant


















TYPE	DIMENSIONS (mm)Max.	Structure	INDUCTANCE RANGE	RATED DC CURRENT	SMT / THT
Size : 6x6	(L)x(W)x(Ht)		0 10 100 1,000		
SDR0504K 	5.8x4.8	Unshielded Ungeschirmt		0.2A~7.3A	SMT
SDC5D18 	6.0x6.0x2.0	Shielded Geschirmt		360mA~1.95A	SMT
SDC5D23 	6.0x6.0x2.5	Shielded Geschirmt		87mA~5.4A	SMT
SDC5D28 	6.0x6.0x3.0	Shielded Geschirmt		420mA~2.60A	SMT
SDC5D28R 	6.2x6.3x3.0	Shielded Geschirmt		400mA~2.60A	SMT
SDC5D33 	6.0x6.0x3.5	Shielded Geschirmt		74mA~2.8A	SMT
SDS0603B 	6.8x6.8x3.3	Shielded Geschirmt		130mA~3.5A	SMT
SDS0604B 	6.8x6.8x4.8	Shielded Geschirmt		150mA~3.95A	SMT
SDS63 	6.9x6.5x3	Shielded Geschirmt		190mA~1.94A	SMT
SDS65 	6.9x6.5x5	Shielded Geschirmt		140mA~1.35A	SMT
Size : 7x7	(L)x(W)x(Ht)	Structure	INDUCTANCE RANGE	RATED DC CURRENT	SMT / THT
			0 10 100 1,000		
SDC6D28 	7.0x7.0x3.0	Shielded Geschirmt		0.54A~3.0A	SMT
SDC6D38 	7.0x7.0x4.0	Shielded Geschirmt		0.65A~3.5A	SMT
SBS7028 	7.6x7.6x3.0	Shielded Geschirmt		0.54A~1.6A	SMT
SBS7032 	7.6x7.6x3.4	Shielded Geschirmt		0.13A~1.9A	SMT
SBS7045 	7.6x7.6x4.8	Shielded Geschirmt		0.14A~2.5A	SMT
SBS7055 	7.6x7.6x5.8	Shielded Geschirmt		1.70A~6.2A	SMT
SDS73 	7.5x7.5x3.5	Shielded Geschirmt		0.16A~1.68A	SMT

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TYPE	DIMENSIONS (mm)Max.	Structure	INDUCTANCE RANGE	RATED DC CURRENT	SMT / THT
Size : 7x7	(L)x(W)x(Ht)		0 10 100 1,000		
SDS74 	7.5x7.5x4.5	Shielded Geschirmt	10uH 1000uH	0.18A~1.84A	SMT
SDS73H 	7.6x7.6x3.55	Shielded Geschirmt	0.33uH 1000uH	0.25A~14.4A	SMT
SDS74H 	7.6x7.6x4.5	Shielded Geschirmt	0.33uH 1000uH	0.31A~18.4A	SMT
SDS73BQ 	7.6x7.6x3.55	Shielded Geschirmt	0.33uH 1000uH	0.25A~14.4A	SMT
SDS74BQ 	7.6x7.6x4.45	Shielded Geschirmt	0.33uH 1000uH	0.31A~18.4A	SMT
Size : 8x8	(L)x(W)x(Ht)	Structure	INDUCTANCE RANGE	RATED DC CURRENT	SMT / THT
SDR73 	8.1x7.3x3.8	Unshielded Ungeschirmt	10uH 330uH	0.28A~1.44A	SMT
<b>New</b> SDR74S 	8.1x7.3x4.0	Semi-Shielded Teigeschirmt	0.5uH 100uH	1.0A~12.0A	SMT
SDR75 	8.1x7.3x5.5	Unshielded Ungeschirmt	10uH 470uH	0.34A~2.3A	SMT
SQH8040S 	8.2x8.2x4.2	Shielded Geschirmt	0.9uH 100uH	1.00A~11.0A	SMT
SPO2506 	9.14x7.8x1.65	Unshielded Ungeschirmt	4.7uH 1000uH	0.10A~1.6A	SMT
SDH1813 	9.19x6.4x5.3	Unshielded Ungeschirmt	0.18uH 47uH	0.87A~14A	SMT
SDR0905K 	9.8x5.8	Unshielded Ungeschirmt	1.5uH 4700uH	0.24A~10A	SMT
SDC8D28 	8.3x8.3x3.0	Shielded Geschirmt	1.0uH 100uH	0.75A~6.50A	SMT
SDC8D28HP 	8.3x8.3x3.0	Shielded Geschirmt	3.3uH 68uH	1.30A~6.50A	SMT
SDC8D38 	8.3x8.3x4.0	Shielded Geschirmt	1.8uH 100uH	1.05A~7.0A	SMT
SDC8D43 	8.3x8.3x4.5	Shielded Geschirmt	0.68uH 100uH	1.3A~9.0A	SMT
SDC8D43HP 	8.3x8.3x4.7	Shielded Geschirmt	1.2uH 68uH	1.6A~12.6A	SMT

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## Power Inductors Shielded / Unshielded



RoHS Compliant

TYPE	DIMENSIONS (mm)Max.	Structure	INDUCTANCE RANGE	RATED DC CURRENT	SMT / THT
<b>Size : 8x8</b>	<b>(L)x(W)x(Ht)</b>		0 10 100 1,000		
SDC8D58LD 	8.3x8.3x6.0	Shielded Geschirmt	2.8uH 100uH	0.8A~4.7A	SMT
SQH8040S 	8.2x8.2x4.2	Shielded Geschirmt	0.5uH 220uH	0.75A~11.0A	SMT
SQH8040CS 	8.6x8.7x4.0	Shielded Geschirmt	10uH 680uH	0.30A~3.20A	SMT
<b>Size : 10x10</b>	<b>(L)x(W)x(Ht)</b>		0 10 100 1,000		
SDR104 	10.3x9.3x4.5	Unshielded Ungeschirmt	10uH 560uH	0.32A~2.38A	SMT
SDR105 	10.3x9.3x5.9	Unshielded Ungeschirmt	10uH 820uH	0.24A~2.60A	SMT
New SDR105S 	10.3x9.3x5.9	Semi-Shielded Teigeschirmt	1.5uH 330uH	0.7A~10.0A	SMT
SDC103R 	10.3x10.5x3.1	Shielded Geschirmt	0.8uH 150uH	0.84A~11.2A	SMT
SDC104R 	10.3x10.5x4.0	Shielded Geschirmt	1.5uH 330uH	0.70A~10.0A	SMT
SDC104RM 	10.3x10.5x4.5	Shielded Geschirmt	1.0uH 100uH	2.50A~13.6A	SMT
New SQH104CS 	10.3x10.5x4.0	Shielded Geschirmt	1.5uH 330uH	0.70A~10.0A	SMT
SDC105R 	10.3x10.5x5.1	Shielded Geschirmt	0.8uH 1000uH	0.42A~9.5A	SMT
New SDC105RH 	10.3x10.5x5.1	Shielded Geschirmt	1.1uH 330uH	1.0A~16.0A	SMT
SDS0805 	10.7x8.2x4.8	Shielded Geschirmt	2.2uH 1000uH	0.15A~2.5A	SMT
SBS10145 	10.4x10.4x4.8	Shielded Geschirmt	3.3uH 1500uH	0.22A~4.9A	SMT
SBS10165 	10.4x10.4x7.0	Shielded Geschirmt	1.5uH 22uH	2.7A~10.7A	SMT
<b>Size : 12x12</b>	<b>(L)x(W)x(Ht)</b>		0 10 100 1,000		
SDO3308 	12.95x9.4x3.0	Unshielded Ungeschirmt	4.7uH 1000uH	0.29A~4.2A	SMT

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Size : 12x12	(L)x(W)x(Ht)				
SDO3316	12.95x9.4x5.2	Unshielded Ungeschirmt	1.0uH  1000uH	0.3A~9.0A	SMT
SDS3316	12.95x9.4x5.2	Shielded Geschirmt	1.0uH  1000uH	0.32~5.6A	SMT
SDT3316	12.95x9.4x5.2	Shielded Geschirmt	1.0uH  1000uH	0.085A~4.5A	SMT
SDO3340	12.95x9.4x11.4	Unshielded Ungeschirmt	10uH  1000uH	0.8A~8.0A	SMT
SDS1003	12.9x10.3x3.0	Shielded Geschirmt	2.2uH  470uH	0.2A~3.5A	SMT
SDS1005	12.9x10.3x5.2	Shielded Geschirmt	1.0uH  390uH	0.33A~5.0A	SMT
New SQH107CS	10.5x10.5x7.1	Shielded Geschirmt	2.2uH  470uH	0.7A~9.8A	SMT
SDS124	12.5x12.5x4.5	Shielded Geschirmt	3.9uH  330uH	0.5A~6.5A	SMT
SDS124H	12.5x12.5x4.5	Shielded Geschirmt	0.47uH  1000uH	0.53A~24.4A	SMT
SDS125	12.5x12.5x6.0	Shielded Geschirmt	1.3uH  1000uH	0.40A~8.0A	SMT
SDS125H	12.5x12.5x6.0	Shielded Geschirmt	0.00047mH  120mH	0.069A~33.0A	SMT
SDS125BQ	12.5x12.5x6.0	Shielded Geschirmt	0.47uH  1000uH	0.70A~33.0A	SMT
New SQH125CS	12.5x12.5x6.0	Shielded Geschirmt	1.3uH  1000uH	0.40A~8.0A	SMT
SDS127	12.5x12.5x8.0	Shielded Geschirmt	1.2uH  1000uH	0.55A~9.8A	SMT
SDS127H	12.5x12.5x8.0	Shielded Geschirmt	0.47uH  1000uH	1.14A~56.0A	SMT
SDS127BQ	12.5x12.5x8.0	Shielded Geschirmt	0.47uH  1000uH	1.14A~56.0A	SMT
SDS127LD	12.5x12.5x8.0	Shielded Geschirmt	1.0uH  1000uH	0.7A~14.0A	SMT
SDS127HP	12.5x12.5x8.0	Shielded Geschirmt	2.7uH  1000uH	0.83A~15.5A	SMT


























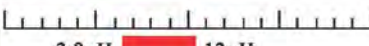



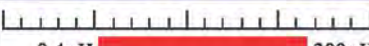



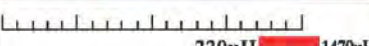

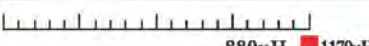


# INDUCTOR SELECTION GUIDE

## Power Inductors Shielded / Unshielded



RoHS Compliant


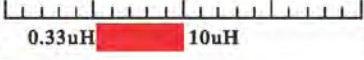





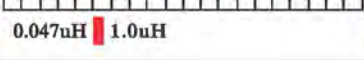

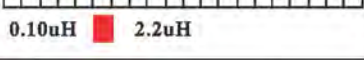

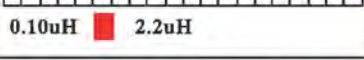

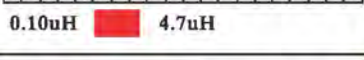



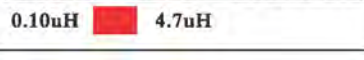













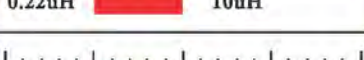

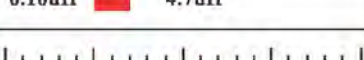


TYPE	DIMENSIONS (mm)Max.	Structure	INDUCTANCE RANGE	RATED DC CURRENT	SMT / THT
<b>Size : 12x12</b>	<b>(L)x(W)x(Ht)</b>		0 10 100 1,000		
<b>New</b> SQH127CS 	12.5x12.5x8.0	Shielded Geschirmt	1.2uH  1000uH	0.55A~9.8A	SMT
SDS129 	12.5x12.5x10.0	Shielded Geschirmt	1.0uH  470uH	1.5A~25.0A	SMT
SDS129LD 	12.5x12.5x10.0	Shielded Geschirmt	1.0uH  220uH	0.43A~19.9A	SMT
SBS12555 	12.8x12.8x5.8	Shielded Geschirmt	6.0uH  1500uH	0.29A~3.6A	SMT
SBS12565 	12.8x12.8x6.95	Shielded Geschirmt	2.0uH  220uH	1.0A~10A	SMT
SBS12575 	12.8x12.8x7.85	Shielded Geschirmt	1.2uH  220uH	1.3A~13A	SMT
<b>Size : over 13</b>	<b>(L)x(W)x(Ht)</b>		0 10 100 1,000		
SDH3316 	13.5x9.91x6.35	Unshielded Ungeschirmt	0.12uH  470uH	0.5A~28A	SMT
SDS5022 	18.54x15.24x7.62	Shielded Geschirmt	10uH  1000uH	0.8A~18A	SMT
SDO5022 	18.54x15.24x7.11	Unshielded Ungeschirmt	1.0uH  1000uH	1A~20A	SMT
SDO5010 	18.54x15.24x8.0	Unshielded Ungeschirmt	0.78uH  1000uH	1A~30A	SMT
SDO5040 	18.54x15.24x12.0	Unshielded Ungeschirmt	15uH  100uH	5.6A~13.8A	SMT
SDH5022 	22.65x16.56x8.3	Unshielded Ungeschirmt	0.78uH  15uH	8A~30A	SMT
SDH5040 	22.65x16.26x12	Unshielded Ungeschirmt	2.8uH  12uH	15.9A~33.4A	SMT
SDR1307K 	13.3x7.3	Unshielded Ungeschirmt	1.5uH  1000uH	1.0A~20A	SMT
<b>Common Mode Choke</b>	<b>(L)x(W)x(Ht)</b>		0 10 100 1,000		
STC1104 	11.4x11.4x4.19	Shielded Geschirmt	0.4uH  300uH	0.22A~5.5A	SMT
STC1106 	11.4x11.4x5.97	Shielded Geschirmt	0.54uH  300uH	0.42A~5.9A	SMT
SMM1205B 	12.7x15.0x6.0	Shielded Geschirmt	220uH  1470uH	1.22A~14.0A	SMT
SMM1710B 	17.0x19.5x10.0	Shielded Geschirmt	880uH  1170uH	0.9A~0.9A	SMT

# INDUCTOR SELECTION GUIDE

## High Current Power Inductors



RoHS Compliant

	TYPE	DIMENSIONS (mm)Max. Size : (L)x(W)x(Ht)	Structure	INDUCTANCE RANGE 0 10 100 1,000	RATED DC CURRENT	SMT / THT
New	SEP2510ET 	2.5x2.0x1.0	Shielded Geschirmt	0.33uH  10uH	1.6A~6.9A	SMT
New	SEP3012ET 	3.2x3.2x1.2	Shielded Geschirmt	0.33uH  6.8uH	2.4A~11.1A	SMT
New	SEP3015ET 	3.2x3.2x1.5	Shielded Geschirmt	1.0uH  47uH	1.17A~4.4A	SMT
New	SEP0412EB 	4.45x4.06x1.2	Shielded Geschirmt	0.047uH  1.0uH	7.0A~32.0A	SMT
New	SEP0412EC 	4.45x4.06x1.2	Shielded Geschirmt	0.10uH  2.2uH	8.5A~32.0A	SMT
New	SEP0402EB 	5.0x4.4x2.0	Shielded Geschirmt	0.10uH  2.2uH	6.0A~35.0A	SMT
New	SEP0402EC 	5.0x4.4x2.1	Shielded Geschirmt	0.10uH  4.7uH	1.75A~12.0A	SMT
	SEP0512E 	5.49x5.18x1.2	Shielded Geschirmt	0.20uH  10uH	1.8A~11.5A	SMT
New	SEP0512EB 	5.49x5.18x1.2	Shielded Geschirmt	0.10uH  4.7uH	4.4A~35.0A	SMT
	SEP0515E 	5.9x5.45x1.5	Shielded Geschirmt	0.33uH  10uH	2.3~16.0A	SMT
	SEP0502EB 	5.75x5.45x2.0	Shielded Geschirmt	0.10uH  10uH	4.0A~45.0A	SMT
	SEP0502EC 	5.75x5.45x2.0	Shielded Geschirmt	0.10uH  10uH	2.0A~25.0A	SMT
	SEP0503EB 	5.75x5.45x3.0	Shielded Geschirmt	0.10uH  15uH	2.5A~27.0A	SMT
	SEP0503EC 	5.75x5.45x3.0	Shielded Geschirmt	0.10uH  22uH	1.7A~25.0A	SMT
New	SEP0612E 	7.5x6.8x1.25	Shielded Geschirmt	0.47uH  10uH	2.2A~11.0A	SMT
New	SEP0615E 	7.5x6.8x1.5	Shielded Geschirmt	0.22uH  10uH	2.8A~22.0A	SMT
	SEP0618E 	7.5x6.8x1.8	Shielded Geschirmt	0.10uH  4.7uH	8.0A~40.0A	SMT
	SEP0602EB 	7.5x6.8x2.4	Shielded Geschirmt	0.47uH  10uH	5.0A~19.0A	SMT

# INDUCTOR SELECTION GUIDE

## High Current Inductors / Common Mode Choke



RoHS Compliant


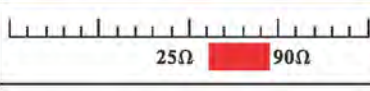

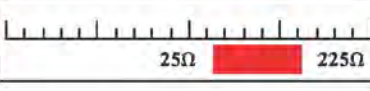

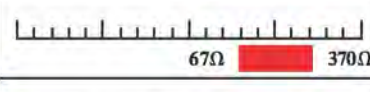

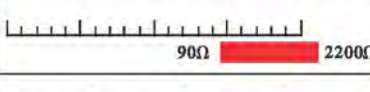

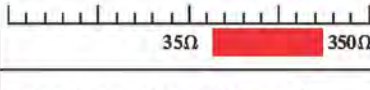

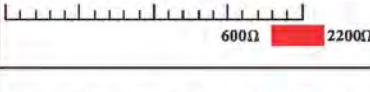

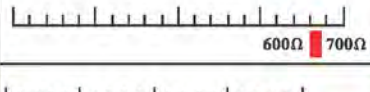

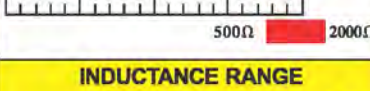

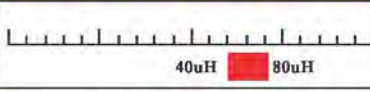

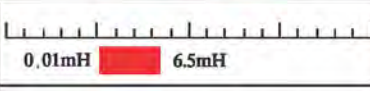

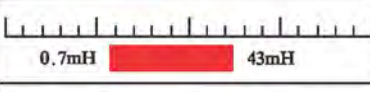



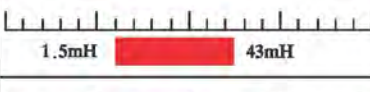



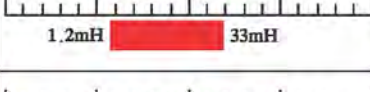




TYPE	DIMENSIONS (mm)Max.	Structure	INDUCTANCE RANGE	RATED DC CURRENT	SMT / THT
Size :	(L)x(W)x(Ht)				
SEP0603EB	7.5x6.8x3.0	Shielded Geschirmt	0.10uH  10uH	7.0A~60.0A	SMT
SEP0603EC	7.5x6.8x3.0	Shielded Geschirmt	1.0uH  22uH	3.5A~9.5A	SMT
SEP0604EB	7.5x6.8x4.0	Shielded Geschirmt	0.47uH  10uH	6.0A~22.0A	SMT
SEP0605EB	7.5x6.8x5.0	Shielded Geschirmt	0.56uH  10uH	4.5A~12.0A	SMT
New SEP1003E	11.5x10.5x3.0	Shielded Geschirmt	0.36uH  10uH	8.0A~40.0A	SMT
New SEP1004EB	12.5x11x4.0	Shielded Geschirmt	0.19uH  10uH	12.0A~90.0A	SMT
New SEP1004EC	12.5x11x4.0	Shielded Geschirmt	0.19uH  100uH	2.25A~46.0A	SMT
SEP1005E	12.5x11x5.0	Shielded Geschirmt	0.16uH  16uH	6.5A~58.0A	SMT
New SEP1204EB	14.2x13.3x3.5	Shielded Geschirmt	0.10uH  10uH	14A~84.0A	SMT
SEP1205E	14.2x13.3x5.0	Shielded Geschirmt	0.10uH  10uH	16A~118.0A	SMT
SEP1206E	14.2x13.3x5.0	Shielded Geschirmt	0.10uH  22uH	12.0A~120.0A	SMT
New SEP1707E	17.45x17.15x7.0	Shielded Geschirmt	0.33uH  100uH	4.0A~55.0A	SMT
New SEP1707EA	17.45x17.15x7.0	Shielded Geschirmt	0.33uH  22uH	23.0A~129.0A	SMT
SEP1005M	10.4x10.4x5.6	Shielded Geschirmt	0.10uH  8.8uH	4.8A~55.0A	SMT
New SEP1205M	12.9x12.9x5.6	Shielded Geschirmt	0.68uH  10uH	5.0A~20.4A	SMT
New REP1108	12x12x8.5	Shielded Geschirmt	0.36uH  0.8uH	40A~80.0A	THT
REP1309	13x9.4x10	Shielded Geschirmt	0.36uH  1.4uH	30A~80.0A	THT
REP1312	13.5x12.5x9.9	Shielded Geschirmt	0.36uH  33uH	5A~80.0A	THT

# INDUCTOR SELECTION GUIDE

## Common Mode Choke / Line Filters



RoHS Compliant

















TYPE		DIMENSIONS (mm)Max.	Structure	INDUCTANCE RANGE	RATED DC CURRENT	SMT / THT
Size :	(L)x(W)x(Ht)	0 10 100 1,000				
New	MM1210 	1.4x1.2x0.9	Shielded Geschirmt		300mA~300mA	SMT
	MM1608 	1.7x0.95x1.2	Shielded Geschirmt		500mA~500mA	SMT
	MM2012 	2.2x1.4x1.1	Shielded Geschirmt		280mA~400mA	SMT
New	MM3216 	3.4x1.8x1.1	Shielded Geschirmt		200mA~370mA	SMT
	SMM4616 	4.9x5.8x1.8	Shielded Geschirmt		2.0A~2.0A	SMT
	SMM5050 	5.3x8.8x5.3	Shielded Geschirmt		2.5A~4.0A	SMT
New	SMM7530 	7.8x6.3x3.3	Shielded Geschirmt		2.0A~2.0A	SMT
New	SMM1005 	10.3x8.3x5.3	Shielded Geschirmt		2.0A~4.0A	SMT
Common Mode Choke		(L)x(W)x(Ht)	Structure	INDUCTANCE RANGE	RATED DC CURRENT	SMT / THT
				0 10 100 1,000		
	RS7080 	7.5x6.4x8.0	Shielded Geschirmt		500mA~500mA	THT
	SLF95 	9.5x6.3x5.3	Shielded Geschirmt		300mA~1600mA	SMT
	UU9.8LF 	16x11x16.5	Shielded Geschirmt		500mA	THT
	UU9.8LFH 	14.5x16.5x11.3	Shielded Geschirmt		500mA	THT
	UU10.5LF 	18.5x17x22	Shielded Geschirmt		300mA~2000mA	THT
	UU15.7LF 	23x19x28	Shielded Geschirmt		400mA~2200mA	THT
New	UT20LF 	22x17x23	Shielded Geschirmt		300mA~2000mA	THT
New	ET24LFH 	14.5x16.5x11.3	Shielded Geschirmt		300mA~2400m	THT
New	ET28LFH 	19.0x16.0x20.5	Shielded Geschirmt		600mA~4300mA	THT

# INDUCTOR SELECTION GUIDE

## Common Mode Choke / LAN Magnetics



RoHS Compliant

TYPE	DIMENSIONS (mm)Max.	Structure	INDUCTANCE RANGE	RATED DC CURRENT	SMT / THT
<b>Common Mode Choke</b>	<b>(L)x(W)x(Ht)</b>				
CMT2510B 	33x21.13x37.8	Shielded Geschirmt		2A~10A	THT
CMT3615B 	45.7x24.9x45.7	Shielded Geschirmt		0.71A~1.85A	THT
<b>LAN Magnetics</b>	<b>(L)x(W)x(Ht)</b>	<b>Structure</b>	<b>INDUCTANCE RANGE &amp; RATED DC CURRENT</b>	<b>BASE</b>	<b>SMT / THT</b>
TM1702M 	12.8x9.5x5.7	LAN Transformers	10/100BASE-T Single Port Surface Mount Magnetics	10/100 BASE	SMT
TM4100 	28.79x16.04x5.84	LAN Transformers	10 /100 base T PC CARD LAN Magnetics	10/100 BASE	SMT
S316200 	12.7x6.73x5.97	LAN Transformers	Gigabit T Single Port Surface Mount Magnetics	Gigabit	SMT
RJ3216211-LF 	21.5x16x13.6	RJ45 Jack	10/100 Base-Tab-Up RJ45 Jack	10/100 BASE	THT
RJ31D0026-LF 	16.7x16x16.9	RJ45 Jack	Vertical RJ45 With 10/100 TX Magnetic	10/100 BASE	THT
RJ32-0011-LF 	21.3x16x13.4	RJ45 Jack	10/100Base-TX RJ45 Tab-Down Integrated Jack	10/100 BASE	THT
RJ32G1630XA-LF 	21.5x16x13.6	RJ45 Jack	10/100/1000 Magnetic Tab-Up RJ45 Jack	10/100/1000 BASE	THT
RJ31-19201-LF 	21.05x16x13.05	RJ45 Jack	Surface Mount 1X1 Tab-Up 10/100 Magnetics	10/100 BASE	THT
RJ32K0025-LF 	33.02x16.6x13.5	RJ45 Jack	10/100/1000 Tab-Up RJ45 With Integrated	10/100/1000 BASE	THT
RJ32G080X-LF 	21.3x16x13.4	RJ45 Jack	Gigabit Magnetic Tab-Down RJ45 Jack	Gigabit	THT
RJ32-U3101-LF 	25.9x16.8x20.8	RJ45 Jack	10/100 Base-TX Jack/Single USB Combo	10/100 BASE	THT
RJ32-U4101-LF 	26.09x17.07x29.72	RJ45 Jack	10/100 Base-TX Jack / Dual USB Combo	10/100 BASE	THT
RJ32GX6806-LF 	21.3x58.87x13.61	RJ45 Jack	1000 Base-T RJ45 1XN Tab-Down Jack	1000 BASE	THT
RJ32-X7201-LF 	115.35x28.2x25.5	RJ45 Jack	10/100 Base-T RJ45 2XN Tab-Down(Up) Jack	10/100 BASE	THT

# INDUCTOR SELECTION GUIDE

## Chip Inductors / Chip Beads / Common Mode Choke



TYPE	DIMENSIONS (mm)Max.	CORE Structure	INDUCTANCE RANGE	RATED DC CURRENT	SMT / THT
MS1005	1.1x0.6x0.6	Ceramic	1.0nH  100nH	30mA~1.36A	SMT
New MS1005HP	1.1x0.65x0.6	Ceramic	2.2nH  120nH	50mA~960mA	SMT
MS1608	1.8x1.0x1.0	Ceramic	1.6nH  390nH	100mA~700mA	SMT
MS2012	2.2x1.4x1.1	Ceramic	2.8nH  820nH	180mA~800mA	SMT
New MS2012HQ	2.29x1.73x1.52	Ceramic	2.5nH  51nH	1000mA~1600mA	SMT
MS2520	2.92x2.50x2.03	Ceramic	0.0039uH  8.2uH	170mA~1000mA	SMT
New MS2520HQ	2.92x2.92x2.03	Ceramic	3.0nH  100nH	1000mA~1600mA	SMT
MS3225	3.56x2.79x2.03	Ceramic	0.0047uH  2.2uH	150mA~1000mA	SMT
MS1608LC	1.8x1.2x1.1	Ferrite	0.047uH  10uH	400mA~1800mA	SMT
MS1608LS	1.8x1.2x1.1	Ferrite	1.0uH  22uH	200mA~800mA	SMT
MS2012LC	2.4x1.65x1.3	Ferrite	1.0uH  100uH	100mA~1100mA	SMT
New MS2520LC	2.9x2.54x2.03	Ferrite	0.47uH  47uH	320mA~2400mA	SMT
MS2520LS	2.9x2.54x2.03	Ferrite	0.22uH  100uH	200mA~920mA	SMT
MS3225LC	3.6x2.9x2.4	Ferrite	1.0uH  680uH	100mA~2600mA	SMT
MW2520	2.7x2.2x2.4	Ferrite	1.0uH  100uH	60mA~245mA	SMT
MW3225	3.6x2.7x3.1	Ferrite	0.10uH  100uH	40mA~450mA	SMT
MW4532	4.8x3.4x4.4	Ferrite	0.1uH  1000uH	30mA~800mA	SMT
New MW5650	5.6x5.3x5.3	Ferrite	1.0uH  1000uH	25mA~1800mA	SMT

# INDUCTOR SELECTION GUIDE

## Chip Inductors / Chip Beads / Common Mode Choke



RoHS Compliant

TYPE		DIMENSIONS (mm)Max.	CORE Structure	INDUCTANCE / IMPEDANCE RANGE	RATED DC CURRENT	SMT / THT
New	MF0603	0.63x0.33x0.33	Ceramic		50mA~250mA	SMT
	MF1005	1.1x0.6x0.6	Ceramic		100mA~300mA	SMT
	MF1608	1.8x1.0x1.0	Ceramic		200mA~250mA	SMT
New	MF0603T	0.65x0.35x0.28	Ceramic		80mA~300mA	SMT
New	MF1005T	1.05x0.55x0.37	Ceramic		220mA~800mA	SMT
	ML1608	1.8x1.0x1.0	Shielded Geschirmt		1mA~50mA	SMT
	ML2012	2.2x1.4x1.1	Shielded Geschirmt		5mA~300mA	SMT
	MB1005	1.1x0.6x0.6	Shielded Geschirmt		150mA~400mA	SMT
	MB1608	1.8x1.0x1.0	Shielded Geschirmt		100mA~400mA	SMT
	MB2012	2.2x1.45x1.1	Shielded Geschirmt		100mA~600mA	SMT
	MI3216	3.4x1.8x1.3	Shielded Geschirmt		1000mA~3000mA	SMT
	MI4516	4.7x1.8x1.8	Shielded Geschirmt		2000mA~8000mA	SMT
	MI8530	8.7x3.25x2.48	Shielded Geschirmt		10000mA	SMT
	MA3216	3.4x1.8x1.1	Shielded Geschirmt		50mA~350mA	SMT
	SMB455625	4.8x5.6x3.0	Shielded Geschirmt		5000mA	SMT/2 line
	SMB784730	7.8x4.75x3.55	Shielded Geschirmt		5000mA	SMT
	SMB403025	4.3x3.2x2.7	Shielded Geschirmt		5000mA	SMT
	SMB853025	8.65x3.2x2.7	Shielded Geschirmt		5000mA	SMT

# INDUCTOR SELECTION GUIDE

## Power Inductors - Through Hole



TYPE	DIMENSIONS (mm)Max.	Structure	INDUCTANCE RANGE	RATED DC CURRENT	SMT / THT
Size :	(L)x(W)x(Ht)				
RDR654	6.5x5.0	Unshielded Ungeschirmt	1.0uH	130mA~3000mA	THT
RDR664	6.5x6.5	Unshielded Ungeschirmt	1.0uH	190mA~4000mA	THT
RDS664D	6.5x6.5	Shielded Geschirmt	2.7uH	140mA~2.42A	THT
RDR855	8.3x5.5	Unshielded Ungeschirmt	2.5uH	81mA~4.50A	THT
RDR875	8.3x7.5	Unshielded Ungeschirmt	2.2uH	84mA~5.80A	THT
RDS875D	8.3x7.5	Shielded Geschirmt	1.2uH	74mA~4.14A	THT
RDR895	8.3x9.5	Unshielded Ungeschirmt	2.5uH	38mA~5.00A	THT
RDR0811	8.3x10.8	Unshielded Ungeschirmt	10uH	490mA~4.40A	THT
RDR10062P	10.5x6.5	Unshielded Ungeschirmt	1.0uH	360mA~9.30A	THT
RDR10082P	10.5x8.5	Unshielded Ungeschirmt	2.2uH	450mA~7.90A	THT
RDS108D	10.5x8.5	Shielded Geschirmt	1.0uH	280mA~9.15A	THT
RDR10102P	10.5x10.5	Unshielded Ungeschirmt	10uH	530mA~5.30A	THT
RDS1010D	10.5x10.5	Shielded Geschirmt	10uH	480mA~4.80A	THT
RDR1014	10.5x14.4	Unshielded Ungeschirmt	6.3uH	90mA~4.30A	THT
RDR1215	12.5x15	Unshielded Ungeschirmt	10uH	470mA~9.80A	THT
RCB0608P	7.5x11	Unshielded Ungeschirmt	10uH	35mA~1.30A	THT
New RCB0810HP	9.5x11.5	Unshielded Ungeschirmt	10uH	100mA~4.20A	THT
RCB0912P	10.5x15	Unshielded Ungeschirmt	10uH	30mA~2.80A	THT