



COILMASTER

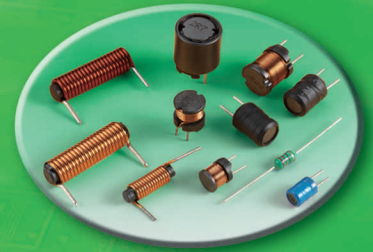


RoHS Compliant

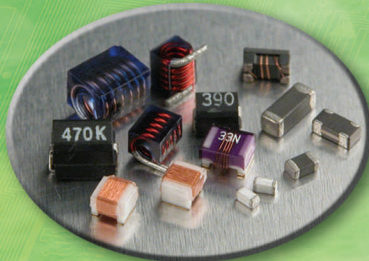


— **SMT Power Inductors**

Through Hole Inductors —

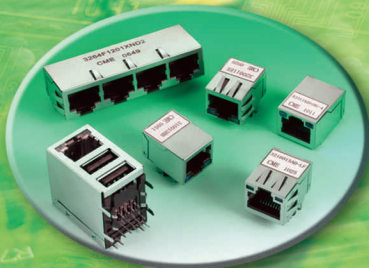


High Current Power Inductors —



— **Chip Inductors**

Transformers —








— **LAN Magnetics RJ45 Jack**

INDUCTOR SELECTION GUIDE

Power Inductors Shielded / Unshielded - SMT



RoHS Compliant

	TYPE	DIMENSIONS (mm)Max.	Structure	INDUCTANCE RANGE	RATED DC CURRENT	SMT / THT
	Size : 2x2	(L)x(W)x(Ht)		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
	Size : 2.5x2	(L)x(W)x(Ht)		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
	Size : 3x3	(L)x(W)x(Ht)		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

For free evaluation samples or more information, visit www.coilmaster.com.tw or contact info@coilmaster.com.tw

INDUCTOR SELECTION GUIDE

Power Inductors Shielded / Unshielded - SMT



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

For free evaluation samples or more information, visit www.coilmaster.com.tw or contact info@coilmaster.com.tw

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	1.0uH  47uH	350mA~2300mA	SMT
SDS4018D 	4.2x4.3x1.8	Shielded Geschirmt	1.0uH  470uH	400mA~2700mA	SMT
SDS4012E 	4.4x4.4x1.25	Shielded Geschirmt	1.0uH  33uH	500mA~3000mA	SMT
SDS4015E 	4.4x4.4x1.6	Shielded Geschirmt	1.0uH  47uH	520mA~3000mA	SMT
SDS4018E 	4.4x4.4x1.8	Shielded Geschirmt	1.0uH  68uH	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	1.0uH  22uH	0.55A~2.35A	SMT
SQH5012S 	5.2x5.2x1.2	Shielded Geschirmt	1.0uH  15uH	1.20A~4.50A	SMT
SQH5014S 	5.2x5.2x1.4	Shielded Geschirmt	1.2uH  10uH	1.40A~3.80A	SMT
SQH5020S 	5.2x5.2x2.0	Shielded Geschirmt	1.0uH  22uH	0.90A~4.00A	SMT
SQH5024S 	5.2x5.2x2.4	Shielded Geschirmt	1.0uH  33uH	1.00A~5.80A	SMT
SQH5040S 	5.2x5.2x4.1	Shielded Geschirmt	1.5uH  47uH	1.10A~6.00A	SMT
SDS5020 	5.2x5.2x2.0	Shielded Geschirmt	1.2uH  100uH	230mA~2.15A	SMT
SDS5030A 	5.2x5.2x3.0	Shielded Geschirmt	1.1uH  100uH	430mA~3.87A	SMT
SDC4D14 	5.0x5.0x1.5	Shielded Geschirmt	2.2uH  68uH	280mA~1.60A	SMT
SDC4D14HP 	5.0x5.0x1.5	Shielded Geschirmt	1.8uH  33uH	510mA~2.25A	SMT
SDC4D18 	5.0x5.0x2.0	Shielded Geschirmt	1.0uH  180uH	140mA~1.72A	SMT
SDC4D22 	5.0x5.0x2.4	Shielded Geschirmt	1.5uH  150uH	210mA~2.0A	SMT







For free evaluation samples or more information, visit www.coilmaster.com.tw or contact info@coilmaster.com.tw

INDUCTOR SELECTION GUIDE

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

For free evaluation samples or more information, visit www.coilmaster.com.tw or contact info@coilmaster.com.tw

INDUCTOR SELECTION GUIDE

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		
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


















For free evaluation samples or more information, visit www.coilmaster.com.tw or contact info@coilmaster.com.tw

INDUCTOR SELECTION GUIDE

Power Inductors Shielded / Unshielded



RoHS Compliant

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
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

New

For free evaluation samples or more information, visit www.coilmaster.com.tw or contact info@coilmaster.com.tw

INDUCTOR SELECTION GUIDE

Power Inductors Shielded / Unshielded



RoHS Compliant

TYPE	DIMENSIONS (mm)Max.	Structure	INDUCTANCE RANGE	RATED DC CURRENT	SMT / THT
Size : 8x8	(L)x(W)x(Ht)		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
Size : 10x10	(L)x(W)x(Ht)		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 SDC105RHP 	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
Size : 12x12	(L)x(W)x(Ht)		0 10 100 1,000		
SDO3308 	12.95x9.4x3.0	Unshielded Ungeschirmt	4.7uH 1000uH	0.29A~4.2A	SMT

For free evaluation samples or more information, visit www.coilmaster.com.tw or contact info@coilmaster.com.tw

INDUCTOR SELECTION GUIDE

Power Inductors Shielded / Unshielded



RoHS Compliant

TYPE	DIMENSIONS (mm)Max.	Structure	INDUCTANCE RANGE	RATED DC CURRENT	SMT / THT
Size : 12x12	(L)x(W)x(Ht)				
SDO3316	12.95x9.4x5.2	Unshielded Ungeschirmt		0.3A~9.0A	SMT
SDS3316	12.95x9.4x5.2	Shielded Geschirmt		0.32~5.6A	SMT
SdT3316	12.95x9.4x5.2	Shielded Geschirmt		0.085A~4.5A	SMT
SDO3340	12.95x9.4x11.4	Unshielded Ungeschirmt		0.8A~8.0A	SMT
SDS1003	12.9x10.3x3.0	Shielded Geschirmt		0.2A~3.5A	SMT
SDS1005	12.9x10.3x5.2	Shielded Geschirmt		0.33A~5.0A	SMT
New SQH107CS	10.5x10.5x7.1	Shielded Geschirmt		0.7A~9.8A	SMT
SDS124	12.5x12.5x4.5	Shielded Geschirmt		0.5A~6.5A	SMT
SDS124H	12.5x12.5x4.5	Shielded Geschirmt		0.53A~24.4A	SMT
SDS125	12.5x12.5x6.0	Shielded Geschirmt		0.40A~8.0A	SMT
SDS125H	12.5x12.5x6.0	Shielded Geschirmt		0.069A~33.0A	SMT
SDS125BQ	12.5x12.5x6.0	Shielded Geschirmt		0.70A~33.0A	SMT
New SQH125CS	12.5x12.5x6.0	Shielded Geschirmt		0.40A~8.0A	SMT
SDS127	12.5x12.5x8.0	Shielded Geschirmt		0.55A~9.8A	SMT
SDS127H	12.5x12.5x8.0	Shielded Geschirmt		1.14A~56.0A	SMT
SDS127BQ	12.5x12.5x8.0	Shielded Geschirmt		1.14A~56.0A	SMT
SDS127LD	12.5x12.5x8.0	Shielded Geschirmt		0.7A~14.0A	SMT
SDS127HP	12.5x12.5x8.0	Shielded Geschirmt		0.83A~15.5A	SMT





For free evaluation samples or more information, visit www.coilmaster.com.tw or contact info@coilmaster.com.tw

INDUCTOR SELECTION GUIDE

Power Inductors Shielded / Unshielded



RoHS Compliant

TYPE	DIMENSIONS (mm)Max.	Structure	INDUCTANCE RANGE	RATED DC CURRENT	SMT / THT
Size : 12x12	(L)x(W)x(Ht)		0 10 100 1,000		
New 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
Size : over 13	(L)x(W)x(Ht)		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
Common Mode Choke	(L)x(W)x(Ht)		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



For free evaluation samples or more information, visit www.coilmaster.com.tw or contact info@coilmaster.com.tw

INDUCTOR SELECTION GUIDE

High Current Power Inductors



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	SEP2510ET 	2.5x2.0x1.0	Shielded Geschirmt		1.6A~6.9A	SMT
New	SEP3012ET 	3.2x3.2x1.2	Shielded Geschirmt		2.4A~11.1A	SMT
New	SEP3015ET 	3.2x3.2x1.5	Shielded Geschirmt		1.17A~4.4A	SMT
New	SEP0412EB 	4.45x4.06x1.2	Shielded Geschirmt		7.0A~32.0A	SMT
New	SEP0412EC 	4.45x4.06x1.2	Shielded Geschirmt		8.5A~32.0A	SMT
New	SEP0402EB 	5.0x4.4x2.0	Shielded Geschirmt		6.0A~35.0A	SMT
New	SEP0402EC 	5.0x4.4x2.1	Shielded Geschirmt		1.75A~12.0A	SMT
	SEP0512E 	5.49x5.18x1.2	Shielded Geschirmt		1.8A~11.5A	SMT
New	SEP0512EB 	5.49x5.18x1.2	Shielded Geschirmt		4.4A~35.0A	SMT
	SEP0515E 	5.9x5.45x1.5	Shielded Geschirmt		2.3~16.0A	SMT
	SEP0502EB 	5.75x5.45x2.0	Shielded Geschirmt		4.0A~45.0A	SMT
	SEP0502EC 	5.75x5.45x2.0	Shielded Geschirmt		2.0A~25.0A	SMT
	SEP0503EB 	5.75x5.45x3.0	Shielded Geschirmt		2.5A~27.0A	SMT
	SEP0503EC 	5.75x5.45x3.0	Shielded Geschirmt		1.7A~25.0A	SMT
New	SEP0612E 	7.5x6.8x1.25	Shielded Geschirmt		2.2A~11.0A	SMT
New	SEP0615E 	7.5x6.8x1.5	Shielded Geschirmt		2.8A~22.0A	SMT
	SEP0618E 	7.5x6.8x1.8	Shielded Geschirmt		8.0A~40.0A	SMT
	SEP0602EB 	7.5x6.8x2.4	Shielded Geschirmt		5.0A~19.0A	SMT

For free evaluation samples or more information, visit www.coilmaster.com.tw or contact info@coilmaster.com.tw

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




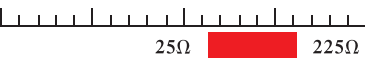

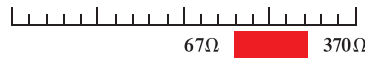

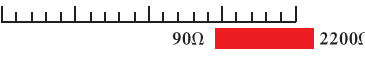

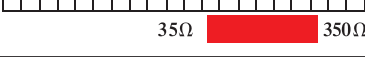

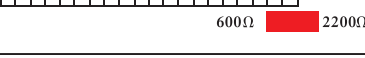

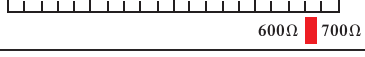

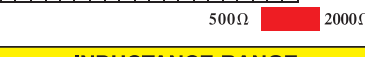

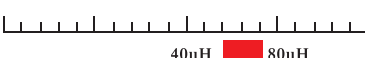

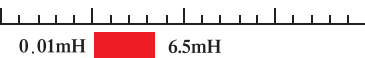














For free evaluation samples or more information, visit www.coilmaster.com.tw or contact info@coilmaster.com.tw

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

For free evaluation samples or more information, visit www.coilmaster.com.tw or contact info@coilmaster.com.tw

INDUCTOR SELECTION GUIDE

Common Mode Choke / LAN Magnetics



RoHS Compliant

TYPE	DIMENSIONS (mm)Max.	Structure	INDUCTANCE RANGE	RATED DC CURRENT	SMT / THT
Common Mode Choke	(L)x(W)x(Ht)				
CMT2510B 	33x21.13x37.8	Shielded Geschirmt		2A~10A	THT
CMT3615B 	45.7x24.9x45.7	Shielded Geschirmt		0.71A~1.85A	THT
LAN Magnetics	(L)x(W)x(Ht)	Structure	INDUCTANCE RANGE & RATED DC CURRENT	BASE	SMT / THT
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

For free evaluation samples or more information ,visit www.coilmaster.com.tw or contact info@coilmaster.com.tw

INDUCTOR SELECTION GUIDE

Chip Inductors / Chip Beads / Common Mode Choke



RoHS Compliant

	TYPE	DIMENSIONS (mm)Max.	CORE Structure	INDUCTANCE RANGE	RATED DC CURRENT	SMT / THT
				0 10 100 1,000		
	 MS1005	1.1x0.6x0.6	Ceramic		30mA~1.36A	SMT
New	 MS1005HP	1.1x0.65x0.6	Ceramic		50mA~960mA	SMT
	 MS1608	1.8x1.0x1.0	Ceramic		100mA~700mA	SMT
	 MS2012	2.2x1.4x1.1	Ceramic		180mA~800mA	SMT
New	 MS2012HQ	2.29x1.73x1.52	Ceramic		1000mA~1600mA	SMT
	 MS2520	2.92x2.50x2.03	Ceramic		170mA~1000mA	SMT
New	 MS2520HQ	2.92x2.92x2.03	Ceramic		1000mA~1600mA	SMT
	 MS3225	3.56x2.79x2.03	Ceramic		150mA~1000mA	SMT
	 MS1608LC	1.8x1.2x1.1	Ferrite		400mA~1800mA	SMT
	 MS1608LS	1.8x1.2x1.1	Ferrite		200mA~800mA	SMT
	 MS2012LC	2.4x1.65x1.3	Ferrite		100mA~1100mA	SMT
New	 MS2520LC	2.9x2.54x2.03	Ferrite		320mA~2400mA	SMT
	 MS2520LS	2.9x2.54x2.03	Ferrite		200mA~920mA	SMT
	 MS3225LC	3.6x2.9x2.4	Ferrite		100mA~2600mA	SMT
	 MW2520	2.7x2.2x2.4	Ferrite		60mA~245mA	SMT
	 MW3225	3.6x2.7x3.1	Ferrite		40mA~450mA	SMT
	 MW4532	4.8x3.4x4.4	Ferrite		30mA~800mA	SMT
New	 MW5650	5.6x5.3x5.3	Ferrite		25mA~1800mA	SMT

For free evaluation samples or more information, visit www.coilmaster.com.tw or contact info@coilmaster.com.tw

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



















For free evaluation samples or more information, visit www.coilmaster.com.tw or contact info@coilmaster.com.tw

INDUCTOR SELECTION GUIDE

Power Inductors – Through Hole



RoHS Compliant

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 1000uH	130mA~3000mA	THT
RDR664 	6.5x6.5	Unshielded Ungeschirmt	1.0uH 1000uH	190mA~4000mA	THT
RDS664D 	6.5x6.5	Shielded Geschirmt	2.7uH 1000uH	140mA~2.42A	THT
RDR855 	8.3x5.5	Unshielded Ungeschirmt	2.5uH 10000uH	81mA~4.50A	THT
RDR875 	8.3x7.5	Unshielded Ungeschirmt	2.2uH 10000uH	84mA~5.80A	THT
RDS875D 	8.3x7.5	Shielded Geschirmt	1.2uH 10000uH	74mA~4.14A	THT
RDR895 	8.3x9.5	Unshielded Ungeschirmt	2.5uH 47000uH	38mA~5.00A	THT
RDR0811 	8.3x10.8	Unshielded Ungeschirmt	10uH 1000uH	490mA~4.40A	THT
RDR10062P 	10.5x6.5	Unshielded Ungeschirmt	1.0uH 1000uH	360mA~9.30A	THT
RDR10082P 	10.5x8.5	Unshielded Ungeschirmt	2.2uH 1000uH	450mA~7.90A	THT
RDS108D 	10.5x8.5	Shielded Geschirmt	1.0uH 1000uH	280mA~9.15A	THT
RDR10102P 	10.5x10.5	Unshielded Ungeschirmt	10uH 1000uH	530mA~5.30A	THT
RDS1010D 	10.5x10.5	Shielded Geschirmt	10uH 1000uH	480mA~4.80A	THT
RDR1014 	10.5x14.4	Unshielded Ungeschirmt	6.3uH 39000uH	90mA~4.30A	THT
RDR1215 	12.5x15	Unshielded Ungeschirmt	10uH 5600uH	470mA~9.80A	THT
RCB0608P 	7.5x11	Unshielded Ungeschirmt	10uH 47000uH	35mA~1.30A	THT
New RCB0810HP 	9.5x11.5	Unshielded Ungeschirmt	10uH 18000uH	100mA~4.20A	THT
RCB0912P 	10.5x15	Unshielded Ungeschirmt	10uH 47000uH	30mA~2.80A	THT

For free evaluation samples or more information, visit www.coilmaster.com.tw or contact info@coilmaster.com.tw