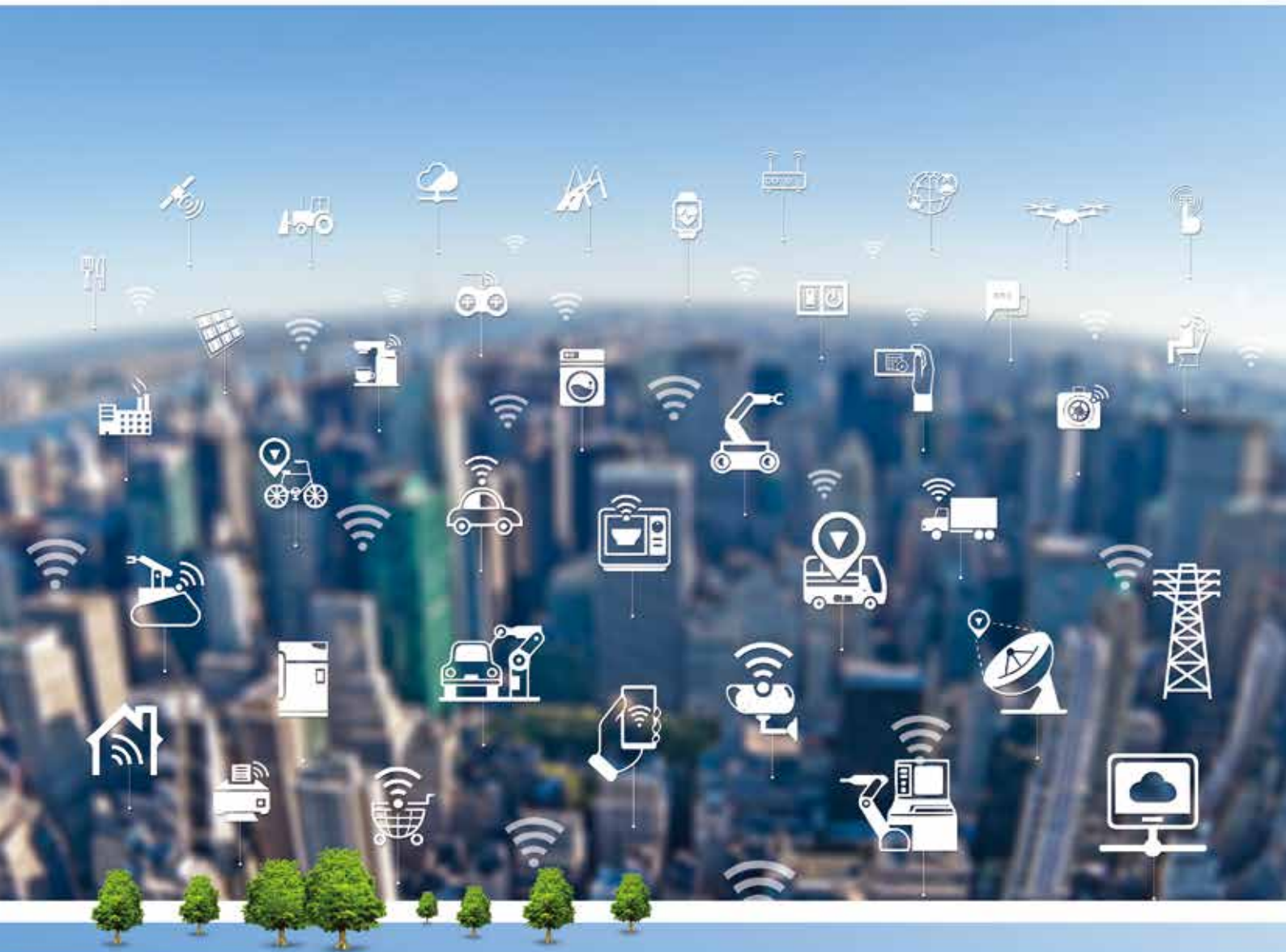




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SMD Inductive Components



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Figure	Feature	Type	Dimension (LxWxH mm)				Inductance / Impedance				Rated Current			
RF Ceramic Wire Wound Chip Inductor														
	Standard	SWI0201 CT	0.5	x	0.4	x	0.4	0.5	~	14	nH	1.2 A	~	270 mA
		SWI0402 CT	1.0	x	0.6	x	0.5	1.0	~	120	nH	1.4 A	~	110 mA
		SWI0603 CT	1.6	x	1.1	x	1.05	1.6	~	390	nH	700 mA	~	170 mA
		SWI0805 CT	2.0	x	1.3	x	1.2	2.2	~	390	nH	800 mA	~	210 mA
		SWI1008 CT	2.6	x	2.1	x	1.7	3.3	~	1,000	nH	1.0 A	~	120 mA
		SWI1210 CT	3.2	x	2.6	x	2.1	4.7	~	2,200	nH	1.0 A	~	150 mA
	High Current	SWI0402 HP	1.0	x	0.6	x	0.5	2.0	~	68	nH	2.1 A	~	320 mA
		SWI0603 HP	1.8	x	1.12	x	1.02	1.7	~	390	nH	2.1 A	~	180 mA
	High Q	SWI1008 HQ	2.6	x	2.1	x	1.7	3.0	~	100	nH	1.6 A	~	1.0 A
Ferrite Wire Wound Chip Inductor														
	Standard	SWI0603 FT	1.7	x	1.1	x	0.9	39	~	22,000	nH	1.7 A	~	150 mA
		SWI0805 FT	2.0	x	1.3	x	1.2	470	~	10,000	nH	500 mA	~	80 mA
		SWI1008 FT	2.6	x	2.1	x	1.7	470	~	47,000	nH	500 mA	~	45 mA
		SWI1210 FT	3.2	x	2.6	x	2.1	1,200	~	47,000	nH	390 mA	~	60 mA
	Shielded / High Current	SWI1008 PT	3.6	x	3.6	x	2.5	1.0	~	1,000	μH	1.0 A	~	30 mA
	Low Profile	LPI0603 FT	1.6	x	1.05	x	1.05	1,000	~	12,000	nH	680 mA	~	190 mA
		LPI1210 FT	3.2	x	2.5	x	1.2	2,200	~	33,000	nH	800 mA	~	220 mA
		HCI0805 FT	2.3	x	1.5	x	1.2	470	~	47,000	nH	1.6 A	~	150 mA
Multilayer Chip Inductor														
	RF - Ceramic	MH0603	0.6	x	0.3	x	0.3	1.0	~	27	nH	470 mA	~	120 mA
		MH1005	1.0	x	0.5	x	0.5	1.0	~	270	nH	400 mA	~	100 mA
		MH1608	1.6	x	0.8	x	0.8	1.0	~	220	nH	600 mA	~	250 mA
	Power - Ferrite	MP1608	1.6	x	0.8	x	0.9	0.5	~	2.2	μH	900 mA	~	650 mA
		MP2012	2.0	x	1.2	x	1.0	1.0	~	4.7	μH	1.0 A	~	700 mA
		MP2016	2.0	x	1.6	x	1.0	1.0	~	4.7	μH	1.3 A	~	900 mA
Multilayer Ferrite Chip Bead														
	General	MU0603	0.6	x	0.3	x	0.3	10	~	1,000	Ω	500 mA	~	100 mA
		MU1005	1.0	x	0.5	x	0.5	10	~	1,000	Ω	500 mA	~	50 mA
		MU1608	1.6	x	0.8	x	0.8	19	~	1,500	Ω	400 mA	~	200 mA
		MU2029	2.0	x	1.2	x	0.9	11	~	1,500	Ω	300 mA	~	300 mA
	High Current	MB1005	1.0	x	0.5	x	0.5	10	~	180	Ω	2.0 A	~	1.0 A
		MB1608	1.6	x	0.8	x	0.8	19	~	1,000	Ω	3.0 A	~	1.0 A
		MB2029	2.0	x	1.2	x	0.9	17	~	1,500	Ω	3.0 A	~	1.0 A

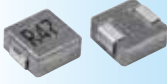
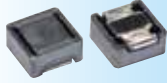
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Figure	Feature	Type	Dimension (LxWxH mm)				Inductance				Rated Current			
Wound Chip Inductor														
	Standard	CM3225	3.2	x	2.5	x	2.2	0.12	~	150	μH	450 mA	~	65 mA
		CM4532	4.5	x	3.2	x	3.2	0.1	~	1,000	μH	800 mA	~	30 mA
	High Current	CC3225	3.2	x	2.5	x	2.2	1.0	~	100	μH	770 mA	~	75 mA
		CC4532	4.5	x	3.2	x	3.2	1.0	~	680	μH	1.1 A	~	65 mA
Power Bead														
	High Current	PB0705	6.7	x	6.5	x	4.7	72	~	150	nH	65 A	~	30 A
		PB1005	10	x	7.0	x	5.0	100	~	220	nH	73 A	~	33 A
		PB1007	11	x	8.0	x	7.5	115	~	300	nH	94 A	~	35 A
		PB1109	12	x	12	x	9.2	200	~	550	nH	95 A	~	23 A
		PB1308	14	x	13	x	8.0	210	~	440	nH	71 A	~	35 A
		PB1012	10	x	6.2	x	12	100	~	330	nH	92 A	~	28 A
Non-Shielded SMD Power Inductor														
	General	SQ3225	3.2	x	2.5	x	2.0	1.0	~	560	μH	600 mA	~	40 mA
		SQ4532	4.5	x	3.2	x	2.6	1.0	~	2,200	μH	1.4 A	~	30 mA
		SQ5650	5.7	x	5.0	x	4.7	0.47	~	10,000	μH	4.8 A	~	50 mA
		SB1608	6.6	x	4.5	x	2.9	1.0	~	1,000	μH	2.9 A	~	70 mA
		SB7030	7.0	x	7.0	x	3.0	1.0	~	1,000	μH	3.0 A	~	150 mA
		SB7045	7.0	x	7.0	x	4.5	1.2	~	1,000	μH	3.8 A	~	200 mA
		SB0805	8.0	x	11	x	5.0	3.3	~	330	μH	5.0 A	~	460 mA
		SB1005	10	x	13	x	5.0	1.0	~	10,000	μH	7.5 A	~	100 mA
		SB1806	14	x	18	x	6.6	1.0	~	1,000	μH	10 A	~	500 mA
		SB2207	22	x	15	x	7.0	0.8	~	100	μH	16 A	~	2.0 A
			SR0302	Ø3.0	x	2.8	x	2.5	1.0	~	1,200	μH	2.1 A	~
SR0403			Ø4.5	x	4.0	x	3.2	1.0	~	1,000	μH	3.8 A	~	90 mA
SR0502			Ø5.0	x	4.5	x	2.0	100	~	2,700	μH	265 mA	~	53 mA
SR0503			Ø5.0	x	4.5	x	3.0	0.5	~	15,000	μH	4.0 A	~	20 mA
SR0602			Ø5.6	x	Ø5.6	x	2.5	1.0	~	1,000	μH	4.5 A	~	80 mA
SR0603			Ø5.6	x	Ø5.6	x	3.7	1.5	~	470	μH	3.0 A	~	15 mA
SR0805			Ø7.5	x	Ø7.5	x	5.0	1.5	~	4,700	μH	7.2 A	~	150 mA
			SR0906	9.5	x	11	x	6.0	2.2	~	10,000	μH	4.0 A	~
			SR1006	Ø9.5	x	Ø9.5	x	5.5	1.5	~	4,700	μH	6.4 A	~

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Figure	Feature	Type	Dimension (LxWxH mm)				Inductance				Rated Current			
Semi-shielded SMD Power Inductor														
	Standard	TPI3015	3.0	x	3.0	x	1.5	1.0	~	100	μH	2.3 A	~	250 mA
		TPI4018	4.0	x	4.0	x	1.9	0.82	~	220	μH	4.0 A	~	280 mA
		TPI4025	4.0	x	4.0	x	2.5	1.0	~	220	μH	3.0 A	~	200 mA
		TPI5040	5.0	x	5.0	x	4.0	1.5	~	47	μH	3.6 A	~	900 mA
TPI6045		6.0	x	6.0	x	4.5	1.0	~	220	μH	6.5 A	~	500 mA	
		RN6045	6.0	x	6.0	x	4.5	1.0	~	100	μH	4.2 A	~	700 mA
		RN8040	8.2	x	7.9	x	4.0	0.5	~	100	μH	10 A	~	1.0 A
		RN1060	9.8	x	10	x	6.0	1.5	~	470	μH	10 A	~	800 mA
Shielded Molded SMD Power Inductor														
	Mini High Current	DP2016	2.0	x	1.6	x	1.0	0.24	~	4.7	μH	4.7 A	~	1.1 A
	Low Profile High Current	HC0312	3.4	x	3.1	x	1.2	0.47	~	2.2	μH	6.6 A	~	3.1 A
		HC0315	3.4	x	3.1	x	1.5	0.47	~	2.2	μH	8.1 A	~	3.6 A
		HC0320	3.4	x	3.1	x	2.0	0.47	~	2.2	μH	7.4 A	~	3.4 A
		HC0412	4.4	x	4.1	x	1.2	0.47	~	4.7	μH	7.6 A	~	2.6 A
		HC0415	4.4	x	4.1	x	1.5	0.47	~	4.7	μH	9.3 A	~	2.8 A
		HC0420	4.4	x	4.1	x	2.0	0.47	~	4.7	μH	10.5 A	~	3.1 A
		HC0512	5.4	x	5.1	x	1.2	0.47	~	4.7	μH	8.3 A	~	3.1 A
		HC0515	5.4	x	5.1	x	1.5	0.47	~	4.7	μH	9.5 A	~	3.7 A
		HC0520	5.4	x	5.1	x	2.0	0.47	~	4.7	μH	12.5 A	~	4.2 A
		HC0612	7.1	x	6.7	x	1.2	0.47	~	4.7	μH	7.7 A	~	3.9 A
		HC0615	7.1	x	6.7	x	1.5	0.47	~	4.7	μH	12.5 A	~	4.3 A
		HC0620	7.1	x	6.7	x	2.0	0.47	~	10	μH	15.5 A	~	3.6 A
	High Current	HE0412	4.4	x	4.2	x	1.2	0.33	~	4.7	μH	6.5 A	~	1.8 A
		HE0420	4.5	x	4.1	x	2.0	0.1	~	6.8	μH	12 A	~	1.5 A
		HE0530	5.4	x	5.2	x	3.0	0.47	~	6.8	μH	13.5 A	~	3.0 A
		HE0618	7.1	x	6.6	x	1.8	0.1	~	4.7	μH	18 A	~	3.0 A
		HE0624	7.1	x	6.6	x	2.4	0.1	~	8.2	μH	30 A	~	3.0 A
		HE0630-L	7.1	x	6.6	x	3.0	0.3	~	22	μH	21 A	~	2.3 A
		HE0630-S	7.1	x	6.6	x	3.0	0.1	~	10	μH	32 A	~	3.0 A
		HE0640	7.1	x	6.6	x	4.0	1.0	~	68	μH	12 A	~	1.5 A

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Figure	Feature	Type	Dimension (LxWxH mm)	Inductance	Rated Current
Shielded Molded SMD Power Inductor					
	High Current	HE1040-L	12 x 10 x 4.0	0.19 ~ 3.3 μH	44 A ~ 11 A
		HE1040-S	12 x 10 x 4.0	0.15 ~ 68 μH	40 A ~ 2.6 A
		HE1235	14 x 13 x 3.5	0.1 ~ 10 μH	43 A ~ 7.0 A
		HE1250	14 x 13 x 5.0	0.1 ~ 10 μH	55 A ~ 9.0 A
		HE1265	14 x 13 x 6.5	0.1 ~ 22 μH	60 A ~ 5.0 A
		HE1770	18 x 17 x 7.0	0.82 ~ 1,000 μH	56.5 A ~ 5.0 A
	Metal Cover Molded	HS0735-S	7.2 x 7.2 x 3.5	0.33 ~ 33 μH	21 A ~ 2.5 A
		HS1145-S	11.5 x 10.7 x 4.5	2.2 ~ 100 μH	15 A ~ 2.0 A
	Metal Cover Molded - High Saturation	HS0735-E	7.2 x 7.2 x 3.5	0.1 ~ 10 μH	34 A ~ 4.0 A
		HS1145-E	11.5 x 10.7 x 4.5	1.0 ~ 68 μH	18 A ~ 3.0 A
Shielded SMD Power Inductor					
	Low Profile	QS3818	3.8 x 3.8 x 1.8	1.0 ~ 100 μH	2.1 A ~ 200 mA
		QS3828	3.8 x 3.8 x 2.8	3.3 ~ 100 μH	1.7 A ~ 320 mA
		QS4818	4.8 x 4.8 x 1.8	1.0 ~ 100 μH	3.6 A ~ 330 mA
		QS4828	4.8 x 4.8 x 2.8	1.2 ~ 560 μH	3.0 A ~ 150 mA
		QS5818	5.8 x 5.8 x 1.8	1.5 ~ 220 μH	3.0 A ~ 240 mA
		QS5828	5.8 x 5.8 x 2.8	2.6 ~ 680 μH	3.1 A ~ 210 mA
		QS6822	6.8 x 6.8 x 2.3	1.0 ~ 1,000 μH	4.2 A ~ 130 mA
		QS6828	6.8 x 6.8 x 2.8	2.5 ~ 1,000 μH	3.4 A ~ 170 mA
	High Inductance	SS6028	6.0 x 6.0 x 2.8	1.0 ~ 1,000 μH	3.0 A ~ 90 mA
		SS6038	6.0 x 6.0 x 3.8	1.0 ~ 1,000 μH	3.7 A ~ 130 mA
		SS1608	6.5 x 4.4 x 2.9	1.0 ~ 10,000 μH	1.2 A ~ 10 mA
		SS0603	6.5 x 6.5 x 3.1	1.5 ~ 1,000 μH	2.2 A ~ 100 mA
		SS0604	6.5 x 6.5 x 4.6	1.5 ~ 1,000 μH	2.8 A ~ 120 mA
		SS2506	6.8 x 5.6 x 1.7	2.2 ~ 100 μH	1.9 A ~ 220 mA
		SS7032	7.0 x 7.0 x 3.2	3.3 ~ 1,000 μH	2.2 A ~ 140 mA
		SS7045	7.5 x 7.0 x 4.5	1.0 ~ 1,000 μH	5.2 A ~ 160 mA
		SS0805	8.0 x 11 x 4.5	2.2 ~ 1,000 μH	2.5 A ~ 150 mA
		SS0906	9.5 x 11 x 6.0	2.7 ~ 10,000 μH	3.2 A ~ 70 mA
		SS0908	9.5 x 11 x 7.5	1.5 ~ 15,000 μH	5.6 A ~ 75 mA
		SS1005	10 x 13 x 4.9	1.0 ~ 3,300 μH	5.8 A ~ 180 mA
		SS1003	10 x 13 x 2.7	1.8 ~ 470 μH	3.0 A ~ 160 mA

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Figure	Feature	Type	Dimension (LxWxH mm)	Inductance	Rated Current
Shielded SMD Power Inductor					
	High Inductance	SS1045	10 x 10 x 4.5	2.7 ~ 1,500 μH	3.7 A ~ 220 mA
		SS1258	12 x 12 x 6.0	1.0 ~ 1,000 μH	8.0 A ~ 600 mA
		SS1278	12 x 12 x 8.0	1.4 ~ 1,000 μH	10 A ~ 680 mA
		SS1210	12 x 12 x 10	1.0 ~ 1,000 μH	11 A ~ 700 mA
		SS1240	13 x 13 x 4.0	1.0 ~ 1,000 μH	9.2 A ~ 400 mA
		SS1260	13 x 13 x 6.0	1.0 ~ 1,000 μH	9.4 A ~ 600 mA
		SS1280	13 x 13 x 7.5	1.1 ~ 1,000 μH	10 A ~ 680 mA
		SS1205	13 x 13 x 5.0	2.5 ~ 820 μH	5.0 A ~ 300 mA
		SS1206	13 x 13 x 6.0	2.5 ~ 1,500 μH	6.2 A ~ 200 mA
		SS1208	13 x 13 x 8.0	2.5 ~ 1,500 μH	7.8 A ~ 360 mA
		SS1806	14 x 18 x 6.8	10 ~ 1,000 μH	4.0 A ~ 450 mA
 	General	SU5016	5.2 x 5.2 x 1.6	1.8 ~ 100 μH	1.7 A 270 mA
		SU5018	5.2 x 5.2 x 1.8	1.0 ~ 100 μH	2.8 A ~ 310 mA
		SU5028	5.2 x 5.2 x 2.8	1.2 ~ 100 μH	3.4 A ~ 420 mA
		SU6018	6.2 x 6.5 x 1.8	1.2 ~ 100 μH	2.8 A ~ 340 mA
		SU6025	6.2 x 6.5 x 2.5	1.2 ~ 220 μH	3.2 A ~ 240 mA
		SU8030	8.0 x 8.0 x 2.8	3.3 ~ 100 μH	4.6 A ~ 750 mA
		SU8040	8.0 x 8.0 x 3.8	3.3 ~ 150 μH	5.0 A ~ 770 mA
		SU8043	8.0 x 8.0 x 4.3	1.0 ~ 100 μH	6.6 A ~ 800 mA
		SU8058	8.0 x 8.0 x 5.8	3.9 ~ 100 μH	4.5 A ~ 900 mA
		SU1030	10 x 10 x 2.8	3.5 ~ 150 μH	5.0 A ~ 840 mA
		SU1040	10 x 10 x 3.8	3.8 ~ 330 μH	5.8 A ~ 600 mA
		SU1048	10 x 10 x 4.8	0.8 ~ 330 μH	7.8 A ~ 520 mA
		SU1065	10 x 10 x 6.6	2.8 ~ 100 μH	6.5 A ~ 1.4 A
		CU8030	8.0 x 8.2 x 2.8	3.3 ~ 100 μH	4.6 A ~ 750 mA
		CU8043	8.0 x 8.2 x 4.4	0.47 ~ 100 μH	4.6 A ~ 750 mA
		CU8048	8.0 x 8.2 x 2.8	3.3 ~ 100 μH	8.7 A ~ 1.0 A
		CU1038	10 x 10 x 3.8	3.3 ~ 330 μH	7.0 A ~ 600 mA
		CU1048	10 x 10 x 4.8	0.8 ~ 330 μH	9.5 A ~ 730 mA
		CU1206	12 x 12 x 5.8	1.5 ~ 1,000 μH	7.0 A ~ 600 mA
Shielded SMD Power Inductor					
	High Inductance	BS0703	7.3 x 7.3 x 3.5	10 ~ 1,000 μH	2.1 A ~ 170 mA
		BS0704	7.3 x 7.3 x 4.5	1.0 ~ 1,000 μH	5.0 A ~ 200 mA
		BS0906	14 x 11 x 6.0	2.7 ~ 1,000 μH	3.2 A ~ 70 mA

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Figure	Feature	Type	Dimension (LxWxH mm)	Inductance / Impedance	Rated Current
Shielded SMD Power Inductor					
	Coupled	BF0703	7.6 x 7.6 x 3.4	0.33 ~ 1,000 μH	6.2 A ~ 250 mA
		SF1258	13 x 13 x 6.0	0.47 ~ 1,000 μH	17.6 A ~ 570 mA
		SF1278	13 x 13 x 8.0	0.47 ~ 1,000 μH	17.9 A ~ 610 mA
	Ultra High Current	PQ2615	28 x 20 x 15	2.2 ~ 33 μH	100 A ~ 5.9 A
SMD Line Filter					
	Data Line	PWC0603 ST	1.6 x 0.9 x 1.1	22 ~ 250 Ω	500 mA ~ 400 mA
		PWC0805 ST	2.0 x 1.2 x 1.2	67 ~ 360 Ω	400 mA ~ 280 mA
		PWC1206 ST	3.2 x 1.6 x 1.9	90 ~ 2,200 Ω	370 mA ~ 200 mA
		PWC0805 HT	2.0 x 1.2 x 1.0	67 ~ 180 Ω	330 mA ~ 250 mA
	Power Line	QF7035	7.0 x 6.0 x 3.5	300 ~ 3,000 Ω	5.0 A ~ 1.2 A
		QF9045	9.0 x 7.0 x 4.5	700 ~ 700 Ω	5.0 A ~ 5.0 A
		QF1260	12 x 11 x 6.0	700 ~ 1,000 Ω	8.0 A ~ 6.0 A
	General	SF3225	3.2 x 2.5 x 2.4	100 ~ 100 μH	100 mA ~ 100 mA
		SF4532	4.5 x 3.2 x 3.0	11 ~ 100 μH	360 mA ~ 200 mA
		SF0502	5.0 x 5.0 x 2.5	0.23 ~ 2.6 μH	6.0 A ~ 1.5 A
		SF0503	6.0 x 3.3 x 3.3	11 ~ 50 μH	100 mA ~ 100 mA
		SF0504	4.8 x 5.0 x 4.8	0.6 ~ 2.8 μH	5.0 A ~ 200 mA
		SF0602	6.5 x 3.6 x 1.7	10 ~ 330 μH	300 mA ~ 300 mA
		SF0904	9.0 x 5.4 x 4.7	11 ~ 4,700 μH	500 mA ~ 200 mA
		SF0905	9.0 x 6.0 x 5.0	10 ~ 6,500 μH	1.6 A ~ 300 mA
		SF1065	10 x 8.7 x 6.5	10 ~ 5,000 μH	4.0 A ~ 300 mA
		SF1206	12 x 9.0 x 5.7	5.0 ~ 300 μH	2.4 A ~ 320 mA
		SF1355	13 x 10 x 5.4	35 ~ 1,000 μH	2.7 A ~ 350 mA
		SF1407	14 x 12 x 6.7	5.0 ~ 300 μH	3.3 A ~ 520 mA
DIP Line Filter					
	Toroidal Core	TR0806	8.5 x 6.0 x 20	10 ~ 10 μH	1.0 A ~ 1.0 A
		TR2616	26 x 16 x 25	35 ~ 100 μH	5.0 A ~ 5.0 A
	EMI Filter	UF09H2	15 x 17 x 13	0.5 ~ 10 mH	1.4 A ~ 300 mA
		UF15V4	19 x 23 x 28	20 ~ 1.8 mH	500 mA ~ 1.8 A
Through Hole Inductor					
	Radial Fixed	RB0608	Ø5.0 x Ø5.0 x 6.5	1.0 μH ~ 1.0 mH	1.0 A ~ 100 mA
		RB1314	Ø12 x Ø12 x 12	3.3 μH ~ 15 mH	5.6 A ~ 82 mA
	Radial Open	RC1008	Ø10 x Ø10 x 8.0	10 μH ~ 1.0 mH	4.5 A ~ 460 mA
		RC1010	Ø11 x Ø11 x 11	10 μH ~ 1.0 mH	4.8 A ~ 560 mA



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