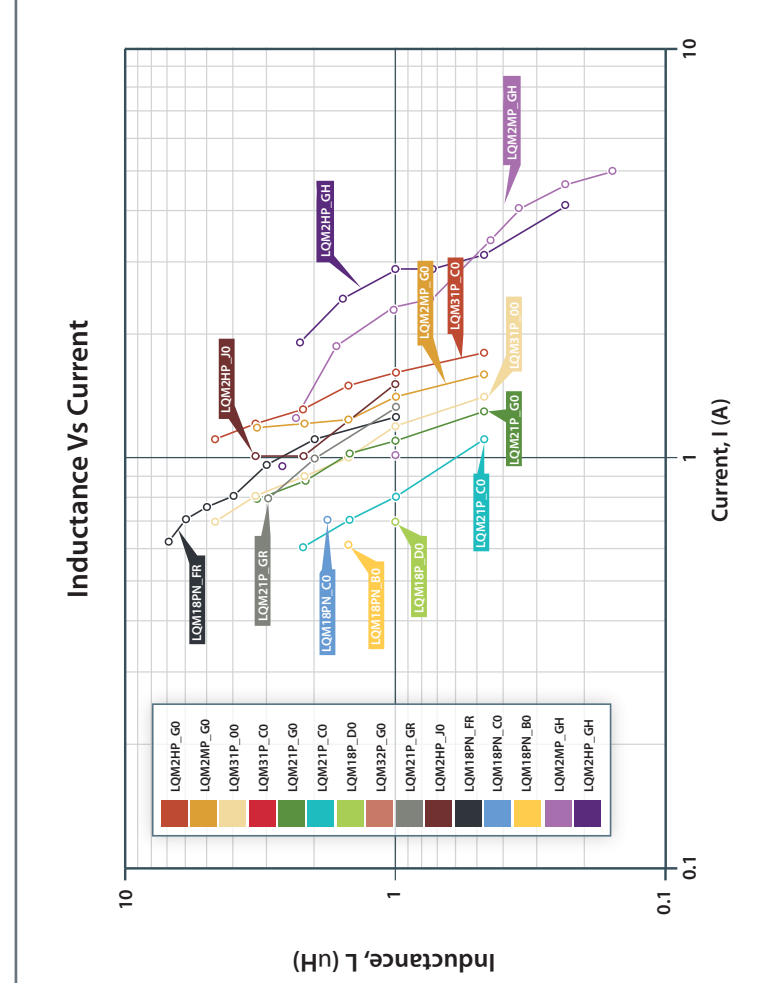
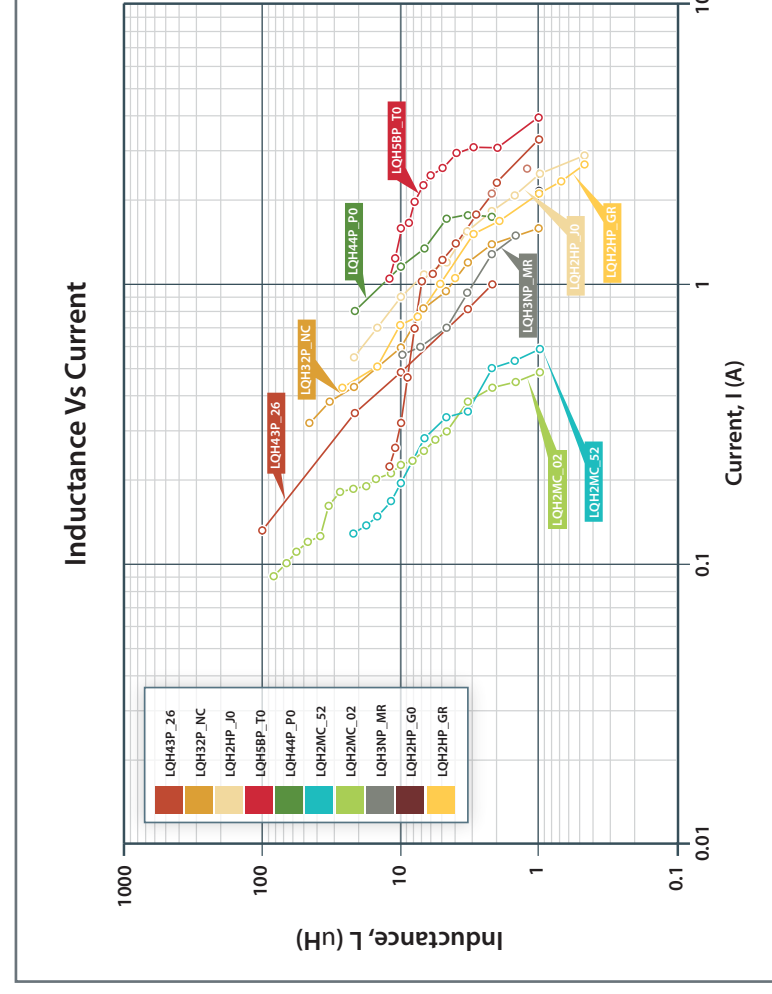


Part Number	Style	Size	Rated Current	Inductance Range	
LQW15C_00	Wire Wound	0402 (1005)	390mA 1.4A	18nH 200nH	
LQW15C_10		0402 (1005)	300mA 450mA	220nH 560nH	
LQW18C		0603 (1608)	430mA 2.6A	4.9nH 650nH	
LQH2MC_02		0806 (2016)	90mA 485mA	1µH 82µH	
LQH2MC_52		0806 (2016)	130mA 595mA	1µH 22µH	
LQH2HP_G0		1008 (2520)	130mA 1A	2.2µH 100µH	
LQH2HP_GR		1008 (2520)	460mA 2.9A	470nH 22µH	
LQH2HP_J0		1008 (2520)	550mA 1.5A	1.5µH 10µH	
LQH2HP_M0		1008 (2520)	800mA 1.25A	2.2µH 4.7µH	
LQH3NP_M0		1212 (3030)	200mA 1.4A	1µH 100µH	
LQH3NP_MR		1212 (3030)	320mA 1.6A	1µH 47µH	
LQH3NP_J0		1212 (3030)	200mA 1.62A	1µH 47µH	
LQH3NP_G0		1212 (3030)	80mA 1.525A	1µH 250µH	
LQH32PN_N0		1210 (3225)	170mA 2.55A	470nH 120µH	
LQH32PN_NC		1210 (3225)	550mA 2.9A	470nH 22µH	
LQH32PB_N0		1210 (3225)	170mA 3.4A	470nH 120µH	
LQH32PB_NC		1210 (3225)	650mA 4.4A	470nH 22µH	
LQH43PN_Z6		1812 (4532)	220mA 3.3A	1µH 220µH	
LQH44P_P0		1515 (4040)	790mA 2.45A	1µH 22µH	
LQH44P_J0		1515 (4040)	300mA 1.53A	1µH 47µH	
LQH44NN		1515 (4040)	145mA 4.5A	510nH 470µH	
LQH5BP_I0		2020 (6950)	1.05A 4A	470nH 22µH	
LQH31C		1206 (3216)	80mA 970mA	120nH 100µH	
LQH32C_23/_33		1210 (3225)	60mA 1.45A	150nH 550µH	
LQH32C_53		1210 (3225)	100mA 1A	1µH 100µH	
LQH43C_03		1812 (4532)	90mA 1.08A	1µH 470µH	
LQH43C_33		1812 (4532)	1.6A 2.95A	560nH 3.9µH	
LQH55D		2220 (6750)	50mA 6A	120nH 10mH	
LQH66S		2525 (6363)	50mA 6A	270nH 10mH	
LQM18P_B0		Magnetically Shielded Multilayer	0603 (1608)	600mA	1.5µH
LQM18P_C0			0603 (1608)	700mA 850mA	470nH 2.2µH
LQM18P_D0			0603 (1608)	700mA	2.5µH
LQM18P_F0			0603 (1608)	600mA	1µH
LQM18P_FR	0603 (1608)		620mA 1.25A	220nH 4.7µH	
LQM21P_C0	0603 (2012)		600mA 1.1A	470nH 2.2µH	
LQM21P_G0	0805 (2012)		800mA 1.3A	470nH 3.3µH	
LQM21P_GS	0805 (2012)		750mA 950mA	2.2µH 4.7µH	
LQM21P_GC	0805 (2012)		800mA 900mA	1µH 2.2µH	
LQM21P_GR	0805 (2012)		800mA 1.3A	1µH 4.7µH	
LQM2MP_G0	0806 (2012)		1.1A 1.6A	160nH 2.2µH	
LQM2MP_GH	0806 (2012)		1A 4.8A	1µH 3.3µH	
LQM2HP_J0	1008 (2520)		1A 1.5A	1µH 2.2µH	
LQM2HP_JC	1008 (2520)		1A 1.5A	1µH 2.2µH	
LQM2HP_JH	1008 (2520)		1.1A 2.6A	470nH 2.2µH	
LQM2HP_G0	1008 (2520)		1.1A 1.8A	470nH 4.7µH	
LQM2HP_GS	1008 (2520)		1A 1.1A	2.2µH 4.7µH	
LQM2HP_GC	1008 (2520)		800mA 1.5A	1µH 4.7µH	
LQM2HP_GH	1008 (2520)		1A 2.1A	470nH 2.2nH	
LQM2HP_E0	1008 (2520)		1.5A	560nH	
LQM31P_00	1206 (3216)		700mA 1.4A	470nH 4.7µH	
LQM31P_C0	1206 (3216)		900mA 1.3A	470nH 2.2µH	
LQM32P_G0	1210 (3225)		1.8A	1µH	
LQM18F	0603 (1608)		50mA 150mA	1µH 10µH	
LQM21D	0805 (2012)		7mA 60mA	1µH 47µH	
LQM21F	0805 (2012)		7mA 220mA	1µH 47µH	
LQM18N	0603 (1608)		15mA 50mA	47nH 2.2µH	
LQM21N	0805 (2012)		30mA 250mA	100nH 4.7µH	
LQH31M	1206 (3216)		45mA 250mA	150nH 100µH	
LQH32M	1210 (3225)		40mA 445mA	1µH 560µH	
LQH43M(N)	1812 (4532)		30mA 500mA	1µH 2.2mH	
LQH43PB_Z6	1812 (4532)		220mA 3.4A	1nH 220nH	
LQG15H	Multi-Layer		0402 (1005)	110mA 300mA	1nH 270nH
LQG18H		0603 (1608)	300mA 500mA	1.2nH 100nH	
LQP02TN		01005 (0402)	90mA 320mA	0.2nH 39nH	
LQP02TQ		01005 (0402)	170mA 990mA	0.4nH 10µH	
LQP03TG_02		0201 (0603)	140mA 850mA	0.6nH 22nH	
LQP03TN_02		0201 (0603)	60mA 850mA	0.6nH 270nH	
LQP15M		0402 (1005)	60mA 400mA	1nH 33nH	
LQP18M		0603 (1608)	50mA 300mA	1.3nH 100nH	
LQW03AW		0201 (0603)	280mA 460mA	5.4nH 13nH	
LQW04A		03015 (0804)	140mA 990mA	1.1nH 33nH	
LQW15AN_00		0402 (1005)	110mA 1A	1.5nH 120nH	
LQW15AN_10		0402 (1005)	110mA 1.2A	1.3nH 5.6µH	
LQW15AN_80		0402 (1005)	320mA 1.77A	1.3nH 7.5µH	
LQW18AN_00		0603 (1608)	75mA 850mA	2.2nH 470nH	
LQW18AN_10		0603 (1608)	550mA 1.4A	2.2nH 33nH	
LQW18AN_80		0603 (1608)	190mA 3.2A	2.2nH 390nH	
LQW2BH		0805 (2015)	160mA 1.9A	2.7nH 470nH	
LQW2BA		0805 (2015)	180mA 800mA	2.8nH 820nH	
LQW2UA		1008 (2520)	260mA 1A	12nH 4.7µH	
LQW31H		1206 (3216)	230mA 750mA	8.8nH 100nH	
LQW21H		0805 (2012)	75mA 160mA	470nH 2.2µH	
LQH31H		1206 (3216)	180mA 920mA	54nH 860nH	

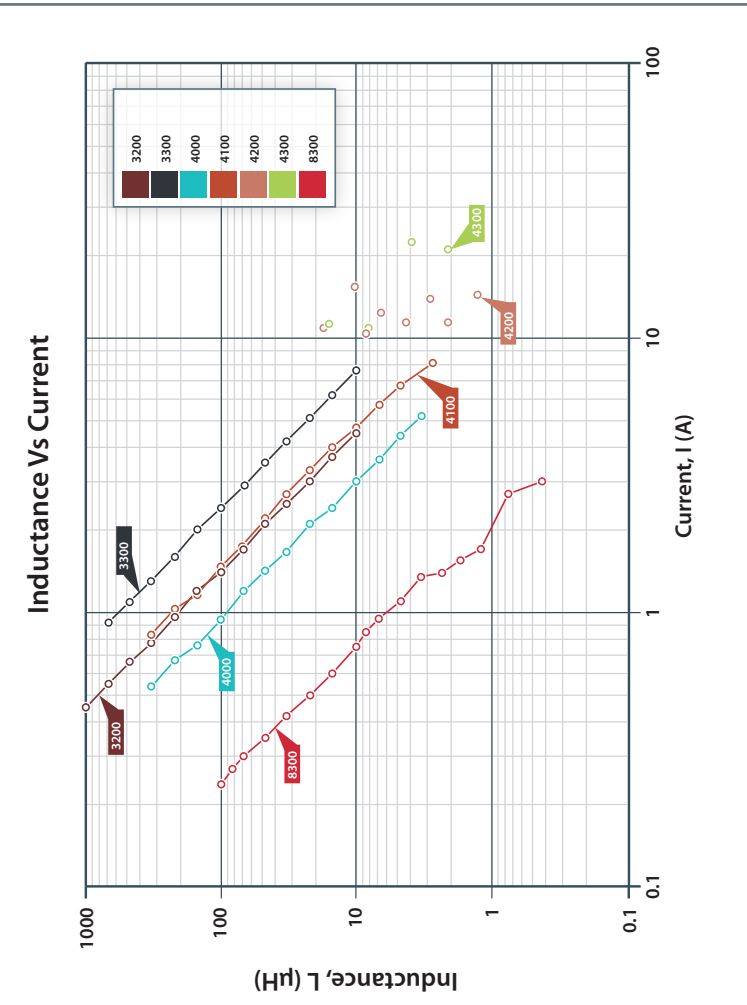
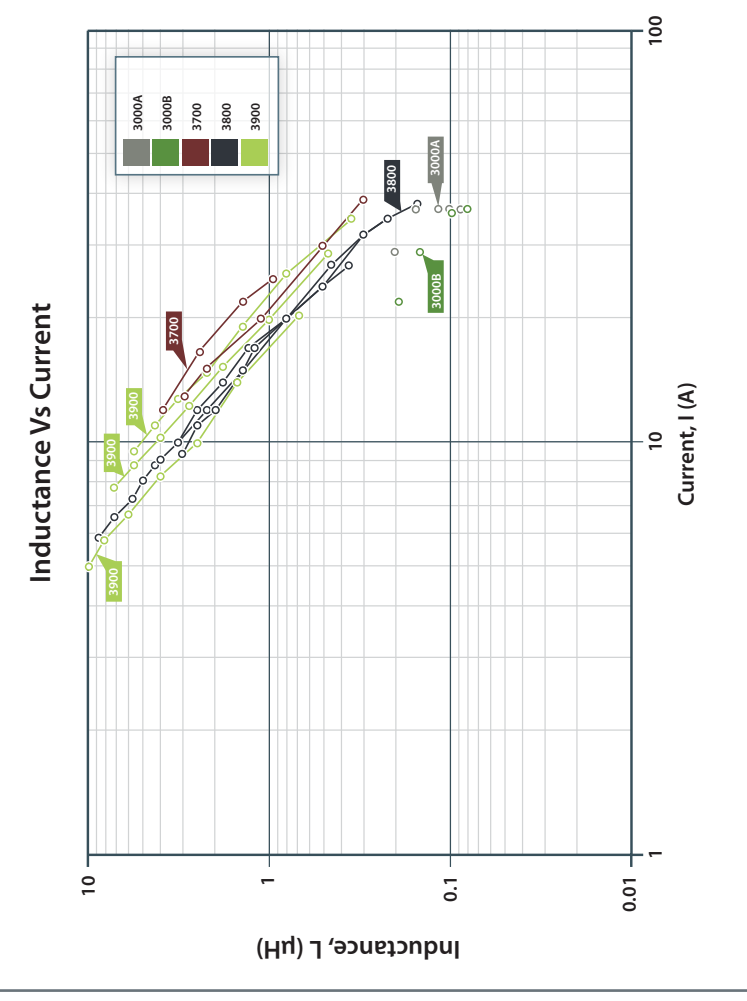
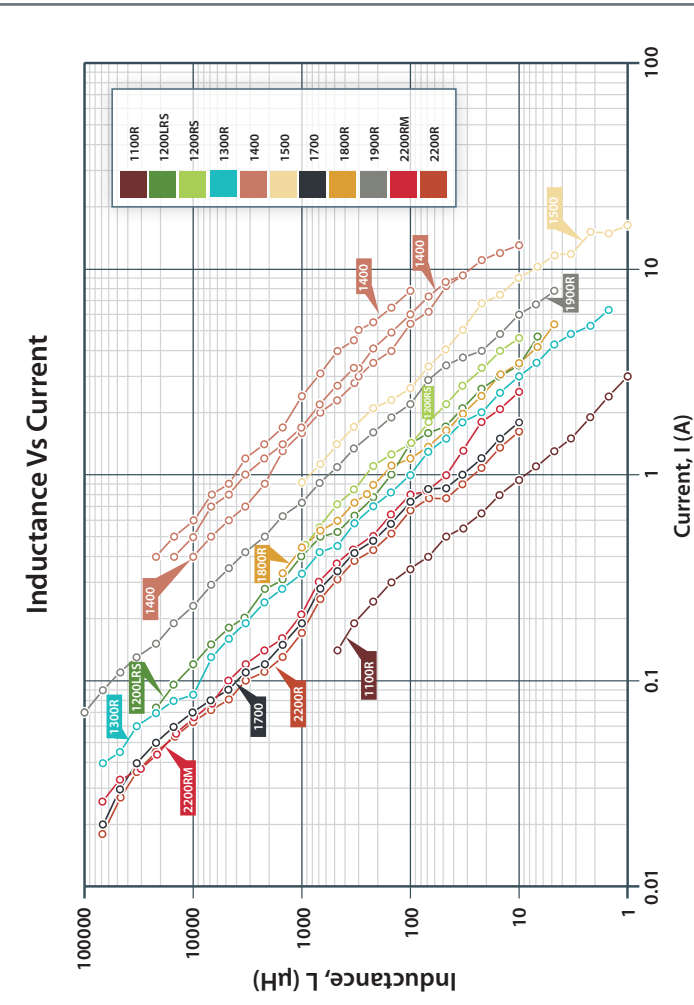
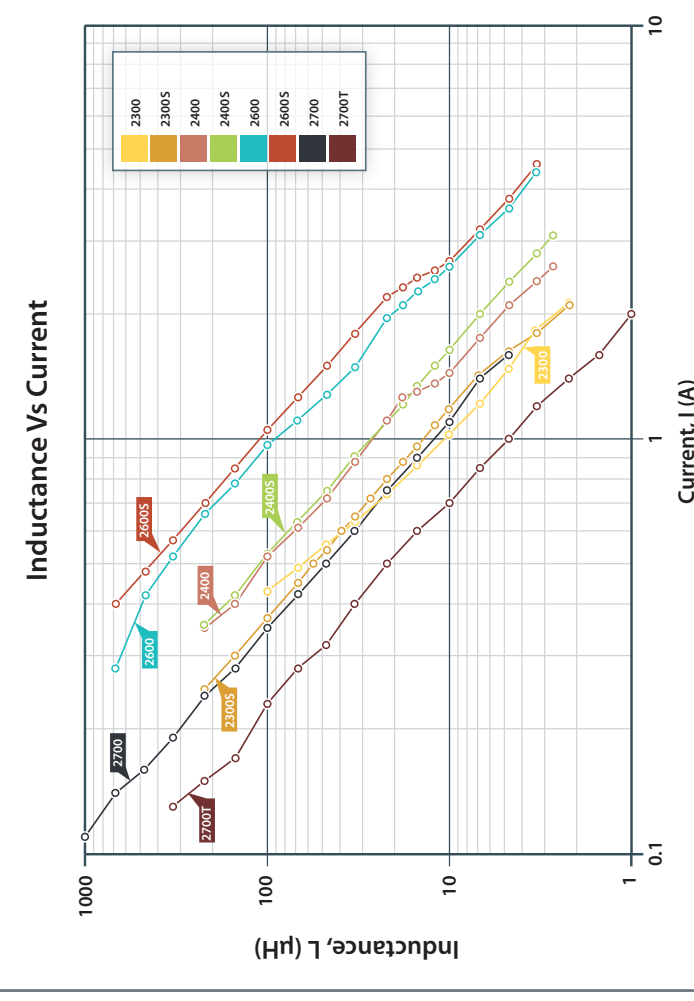
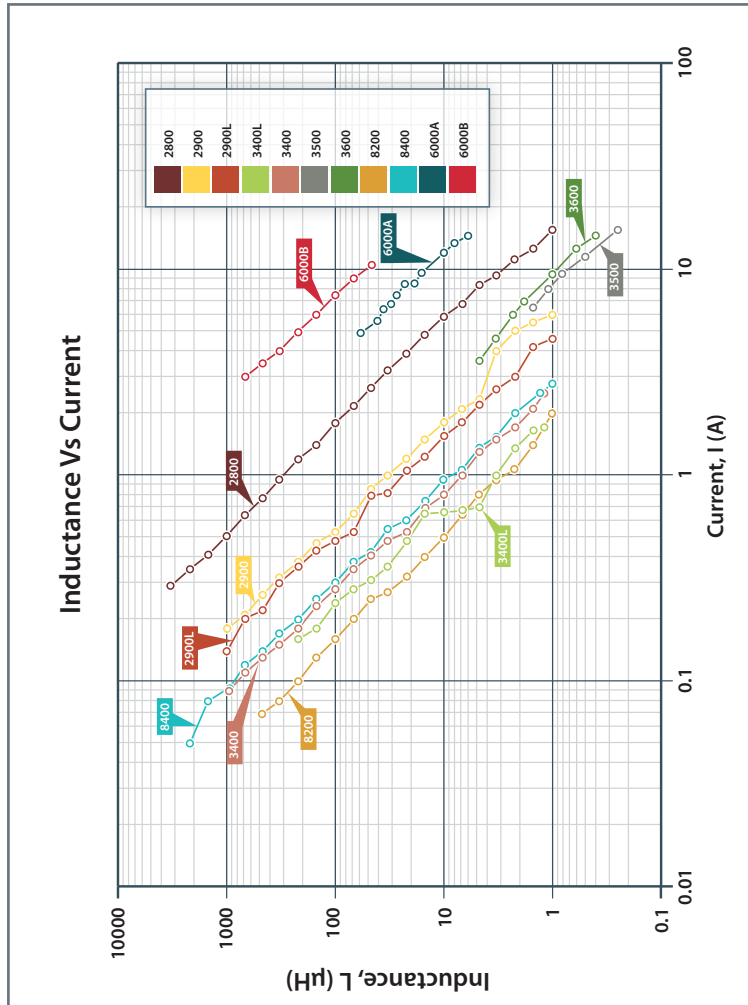
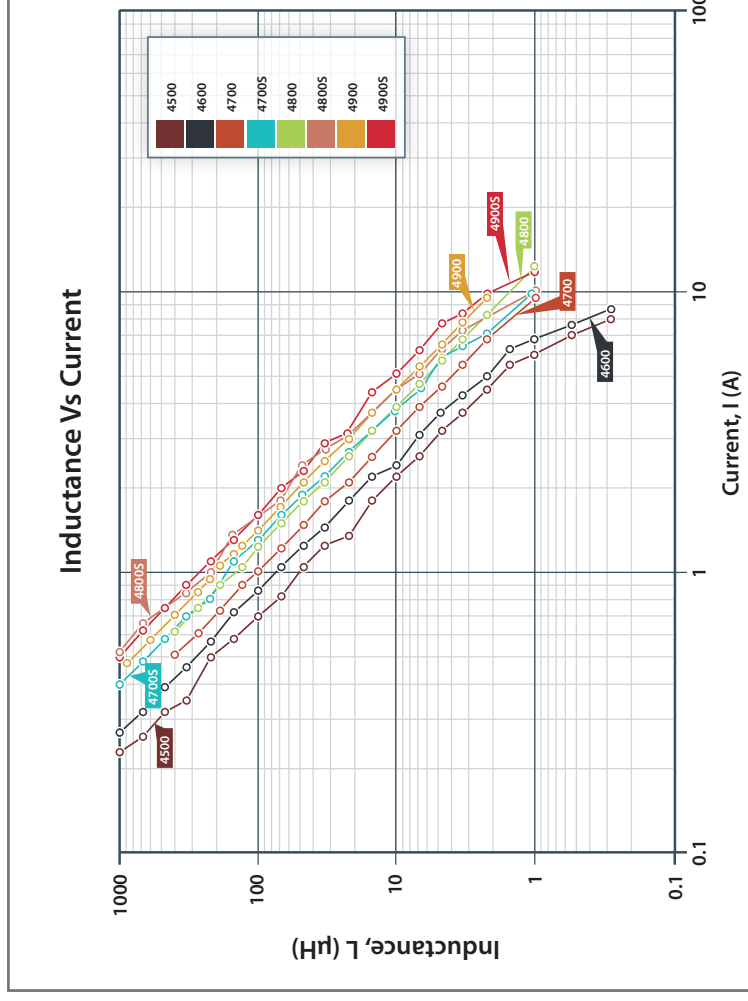
Murata Power Solutions inductor selection graphs



Part Number	Style	Size	Rated Current		Inductance Range
			10mA	10A	
8200	Wire Wound	3.2x2.5x2mm	70mA	2.0A	1μH
8400		4.5x3.3x2.6mm	50mA	2.8A	1μH
2700T		9.0x7.7x1.65mm	130mA	2.0A	1μH
2700		6.45x5.4x1mm	110mA	1.6A	4.7μH
2200RM		7.8x7.0x7.5mm	26mA	2.52A	10μH
2800		18.5x15.2x7.6mm	290mA	15.5A	1μH
2300		6.5x4.6x3.2mm	250mA	2.1A	2.2μH
2400		5.8x5.5x4.5mm	350mA	3.1A	2.7μH
2600		9.0x10.6x5.0mm	280mA	4.6A	3.3μH
4500		7.3x7.3x3.55mm	230mA	8.0A	280nH
4600	7.3x7.3x4.55mm	270mA	8.7A	280nH	
4700S	Shielded/Unshielded	12.2x12.2x5.0mm	400mA	10.0A	1μH
4800S		12.2x12.2x6.0mm	520mA	10.0A	1μH
4900S		12.2x12.2x8.0mm	500mA	11.8A	1μH
4700		12.2x12.2x5.0mm	505mA	9.5A	1μH
4800		12.2x12.2x2.2mm	615mA	12.3A	1μH
4900		12.0x12.0x8.0mm	475mA	9.5A	2.2μH
3500		6.8x6.8x3.2mm	6.5A	15.5A	1.5μH
3600		6.8x6.8x4.2mm	3.6A	14.5A	0.40μH
3000A		7x7.1x5mm	24A	57A	80nH
3000B		7x10.2x5mm	32A	78A	85nH
3700	14.5x11.5x6mm	12A	39.0A	300nH	
3800	10.4x10.4x5.6mm	5.9A	38.0A	150nH	
3900	12.9x12.9x5.8mm	5.0A	35.0A	350nH	
6000A	22x19x12mm	4.9A	14.5A	5.8μH	
6000B	23.5x27x20mm	3A	10.5A	47μH	
1200LRS	010.5x8.5mm	7.3mA	4.7A	6.8μH	
1200RS	010.5x10.5mm	440mA	4.6A	10μH	
3400L	5.2x6.2x1.2mm	160mA	1.7A	1.2μH	
3400	5.2x6.2x2.0mm	90mA	2.5A	1.2μH	
2900L	7.2x7.2x3.15mm	140mA	4.6A	1μH	
2900	7.2x7.2x4.0mm	180mA	6.0A	1μH	
1100R	05x7.5mm	140mA	3A	1μH	
2200R	07.2x10.5mm	18mA	1.62A	10μH	
1700	07.2x10.5mm	20mA	1.8A	10μH	
1300R	09.5x13.5mm	40mA	6.3A	1.5μH	
1800R	013.7x15.9mm	130mA	5.35A	4.7μH	
1900R	012x21mm	70mA	7.8A	4.7μH	
1500	016.8x21.3mm	910mA	16.2A	10μH	
1400	0.5 x 1.2 x 1.4 x 1.2 x 1.8mm	400mA	13A	1μH	
1800	10.0x10.0x5.0mm	130mA	5.35A	4.7μH	
4000	14.1x14.2x8.76mm	540mA	5.2A	3.3μH	
4100	16.76x17.53x9.91mm	830mA	8.1A	3.30μH	
4200	23.9x23.9x9.9mm	10.4A	15.4A	1.27μH	
4300	25.4x28.2x9.91mm	10.5A	22.4A	2.1μH	
8300	7.8x5.2x10.8mm	240mA	3.0A	420nH	
3200	21.5x10.0x1.8mm	450mA	4.5A	10μH	
3300	25.0x15.3x3.10mm	760mA	7.6A	10μH	

Power Inductors

Murata Power Solutions inductor selection graphs





Part Number	Style	Size	Rated Current				Inductance Range										
			10mA	100mA	1A	10A	1nH	10nH	100nH	1μH	10μH	100μH	1mH	10mH	100mH		
DFE201610C	Wire Wound (Metal Alloy)	2x1.6mm			1.2A	2.8A	560nH	2.2uH									
DFE201610P		2x1.6mm			1.4A	3.8A	240nH	2.2uH									
DFE201610R		2x1.6mm			1.4A	2.8A	470nH	2.2uH									
DFE201612C		2x1.6mm			1.3A	3.2A	470nH	2.2uH									
DFE201612P		2x1.6mm			1.5A	4.4A	240nH	2.2uH									
DFE201612R		2x1.6mm			1.4A	3.2A	470nH	2.2uH									
DFE252008C		2.5x2mm			0.65A	2.0A	470nH	4.7uH									
DFE252010C		2.5x2.1mm			0.68A	3.1A	470nH	10uH									
DFE252010P		2.5x2.2mm			1.1A	3.8A	330nH	4.7uH									
DFE252010R		2.5x2.3mm			1.1A	2.7A	470nH	10uH									
DFE252012C		2.5x2.4mm			0.85A	3.7A	470nH	10uH									
DFE252012P		2.5x2.5mm			1.4A	4.6A	330nH	4.7uH									
DFE252012R		2.5x2.6mm			1.4A	3.1A	1uH	4.7uH									
DFE322510C		3.2x2.5mm			0.8A	3.3A	470nH	10uH									
DFE322512C		3.2x2.5mm			0.9A	3.7A	470nH	10uH									
FDA1055		11.6x10.8mm			7.5A	22.7A	560nH	5.6uH									
FDA1254		13.5x12.6mm			7.1A	23.7A	680nH	8uH									
FSD0312		3.2x3.2mm			1.1A	3.3A	560nH	4.7uH									
FSD0412		4.2x4.2mm			1.9A	6.4A	330nH	4.7uH									
FSD0415		4.2x4.2mm			2.1A	7.7A	220nH	4.7uH									
FSD0420		4.2x4.2mm			1.7A	6.8A	470nH	10uH									
FSD0512		5.2x4.9mm			1.7A	4.0A	1uH	6.8uH									
FSD0518		5.2x4.9mm			2.4A	6.8A	680nH	10uH									
FSD0630		7x6.6mm			3.2A	9.61A	680nH	10uH									
FSD0630W		7x6.6mm			1.2A	2.0A	15uH	47uH									
FDU0650		7.6x6.7mm			11.5A	27.6A	130nH	820nH									
FDU1040D		11.2x10.0mm			1.7A	2.9A	360nH	880nH									
FDU1050D		11.2x10.0mm			15.4A	18A	1uH	1.5uH									
FDU1250		13.3x12.1mm			17.9A	34A	500nH	1.5uH									
FDU1260		14.0x12.7mm			32.9A		450nH										
FDUE0630		7.6x6.7mm			23A	33A	120nH	240nH									
FDUE0640		7.6x6.7mm			15A	25A	150nH	420nH									
FDUE0650		7.6x6.7mm			9.8A	12A	600nH	1uH									
FDUE1030D	11.2x10.0mm			22A		360nH											
FDUE1040D	11.2x10.0mm			17A	29A	360nH	880nH										
FDUE1245	13.4x12.1mm			14A	28A	500nH	2.2uH										
FDUE1260	14.0x12.7mm			32.9A		450nH											
FDUM0640	7.6x6.7mm			16A	20A	220nH	360nH										
FDV0530	6.2x5.8mm			3.5A	19.6A	110nH	4.7uH										
FDV0530S	5x5mm			4.3A	13A	120nH	2.2uH										
FDV0618	7.4x6.7mm			3.2A	13A	240nH	3.3uH										
FDV0620	7.4x6.7mm			2.8A	12.4A	200nH	4.7uH										
FDV1040	11.2x10.0mm			8.1A	14.2A	1.5uH	4.7uH										
FDVE0640	7.4x6.7mm			4.6A	8.0A	1.5uH	4.7uH										
FDVE1040	11.2x10.0mm			5.2A	14.6A	1.5uH	10uH										
DEM10050C	10.3x10.3mm			2.5A	8.9A	1.5uH	33uH										
DEM2612C	2.8x3mm			0.52A	1.7A	1uH	10uH										
DEM2810C	3x3.2mm			0.49A	1.6A	1uH	12uH										
DEM2812C	3x3.2mm			0.55A	2.5A	470nH	12uH										
DEM2815C	3x3.2mm			0.50A	2.9A	470nH	15uH										
DEM2818C	3x3.2mm			0.65A	3.3A	470nH	12uH										
DEM3512C	3.9x3.7mm			0.5A	2.5A	680nH	22uH										
DEM3518C	3.9x3.7mm			0.65A	3.3A	560nH	22uH										
DEM4514C	4.7x1.5mm			0.55A	2.6A	1.2uH	33uH										
DEM4518C	4.7x1.5mm			0.91A	3.5A	1.2uH	22uH										
DEM8030C	8x6mm			1.3A	7.3A	1.5uH	47uH										
DEM8040C	8x6mm			1.8A	8.0A	1.5uH	33uH										
DEM8045C	8x6mm			1.8A	9.4A	1.5uH	47uH										
DG6028C	6.3x6.3mm			1.3A	5.3A	1uH	22uH										
DG6045C	6.3x6.3mm			0.9A	6.5A	1uH	100uH										
DG6050C	6.3x6.3mm			0.9A	6.3A	1.2uH	100uH										
DG8040C	8.3x6.3mm			1.1A	10.4A	1uH	100uH										
DS104C2	10.4x4.8mm			0.8A	6.0A	1.1uH	120uH										
DS1041C	10.4x4.0mm			1.1A	9.5A	1uH	100uH										
DS106C2	10.4x6.8mm			0.68A	7.2A	1.2uH	330uH										
DS126C2	12.6x6.8mm			0.55A	11.8A	1.7uH	680uH										
DS73LC	7.6x7.6mm			0.35A	5.25A	1uH	220uH										
DS75LC	7.6x7.6mm			0.37A	6.4A	1uH	470uH										
DS84LCB	8.4x6.3mm			0.83A	8.1A	1uH	100uH										
DS85LCB	8.4x6.3mm			0.79A	7.8A	1uH	100uH										
DS86C	8.4x6.3mm			0.65A	8.3A	1.3uH	220uH										
FCUL0624	7.3x6.6mm			1.6A	24A	220nH	470nH										
FCUL0630	7.3x6.6mm			1.4A	30A	120nH	680nH										
FCUL1040	11.5x10.0mm			30A	38A	180nH	420nH										
FCUL1060	11.6x10.0mm			30A	41A	360nH	560nH										

Power Inductors