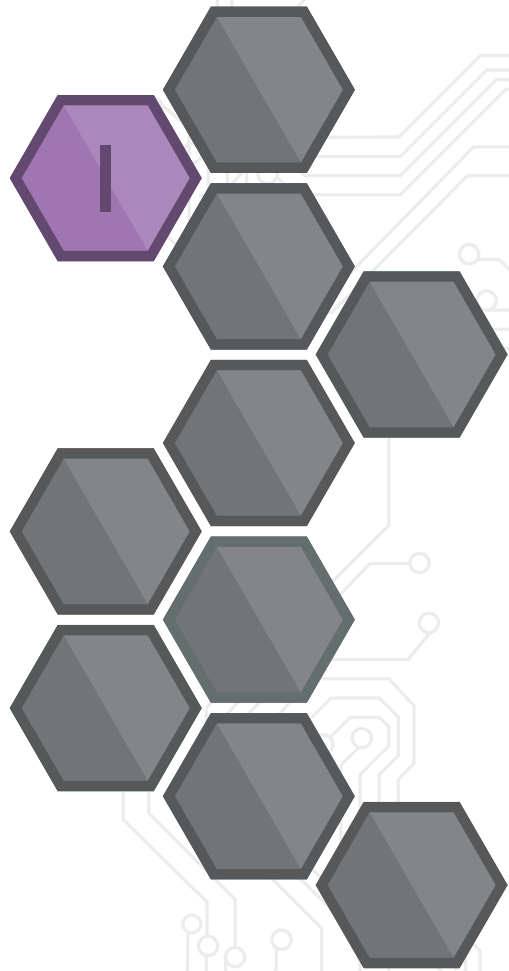


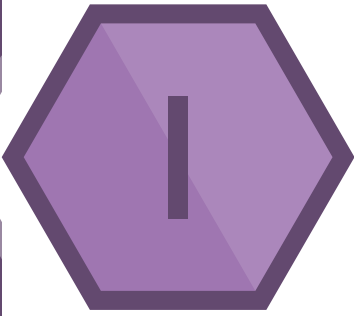
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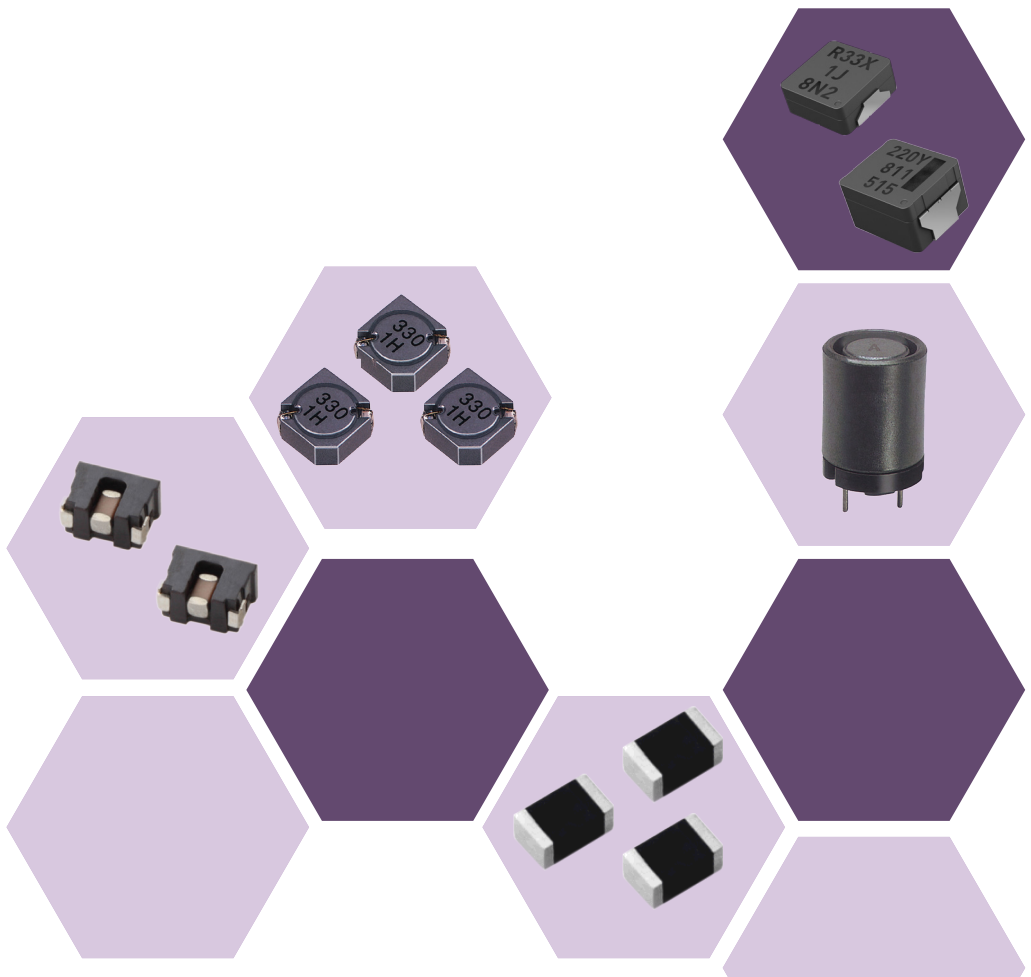
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Power Choke Coils

Chip Inductors

EMI Filters

Chip Choke Coils



	Series	Parts No	Size (mm)	Inductance	Rated current	DCR	Features
Power Choke Coils	PCC-M1050ML	ETQ-P5MR68YLC	10.9x10x5	1uH $\pm 20\%$	27.5A	2.3mOhm+/-10%	• High power, Low loss
		ETQ-P5M1R0YLC		0.68uH $\pm 20\%$	31.5A	1.75mOhm+/-10%	
	PCC-M1060ML	ETQ-P6M2R5YLC	10.9x10x6	2.5uH $\pm 20\%$	19.6A	4.5mOhm+/-10%	• High power, Low loss
		ETQ-P6M3R3YLC		3.3uH $\pm 20\%$	17.0A	6.0mOhm+/-10%	
	PCC-M0850M	ETQ-P5M101Y6K	8.5x8x5.4	100uH $\pm 20\%$	2.1A	302mOhm+/-10%	• High power, Low loss
	PCC-M0730L	ETQ-P3LR24CFM	8.7x7x3	0.24uH $\pm 20\%$	22A	1.12mOhm+/-7%	• High power, Low loss
	PCC-M0530M	ETQ-P3M2R2YFP	5.5x5x3	2.2uH $\pm 20\%$	5.8A	22.6mOhm+/-10%	• High power, Low loss
		ETQ-P3M3R3YFP		3.3uH $\pm 20\%$	5.0A	31.3mOhm+/-10%	
	PCC-M0645M	ETQ-P4M6R8YFN	6.5x6x4.5	6.8uH $\pm 20\%$	5.2A	39.3mOhm+/-10%	• High power, Low loss
		ETQ-P4M470YFN		47uH $\pm 20\%$	2.2A	210mOhm+/-10%	
	PCC-M0540M	ETQ-P4M4R7YFP	5.5x5x4	4.7uH $\pm 20\%$	4.8A	36.0mOhm+/-10%	• High power, Low loss
		ETQ-P4M220YFP		22uH $\pm 20\%$	2.3A	163mOhm+/-10%	
	PCC-M0754M	ETQ-P5M100YFM	7.5 x 7.0 x 5.4	10uH $\pm 20\%$	5.7A	37.6mOhm+/-10%	• High Heat Resistance • High Reliability • High Bias Current • Temperature Stability • Low Audible Noise • Highly Efficient
		ETQP5M4R7YFM		4.7uH $\pm 20\%$	8A	20.4m Ω $\pm 10\%$	
		ETQP5M4R7YFM		48uH $\pm 20\%$	1.6A	156m Ω $\pm 10\%$	
		ETQP5M220YFM		22uH $\pm 20\%$	3.7A	92m Ω $\pm 10\%$	
		ETQP5M330YFM		34uH $\pm 20\%$	3.3A	120m Ω $\pm 10\%$	
		ETQP5M470YFM		48uH $\pm 20\%$	2.9A	156m Ω $\pm 10\%$	
	PCC-M0854M	ETQP5M2R5YFK	8.5 x 8.0 x 5.4	2.45uH $\pm 20\%$	14.0A	7.6m Ω $\pm 10\%$	• High Heat Resistance • High Reliability • High Bias Current • Temperature Stability • Low Audible Noise • Highly Efficient
		ETQP5M220YFK		22uH $\pm 20\%$	4.8A	63m Ω $\pm 10\%$	
		ETQP5M470YFK		48uH $\pm 20\%$	3.4A	125m Ω $\pm 10\%$	
	PCC-M1054M	ETQ-P5M1R5YFC	10.7 x 10.0 x 5.4	1.5uH $\pm 20\%$	21.4A	3.8mOhm+/-10%	• High Heat Resistance • High Reliability • High Bias Current • Temperature Stability • Low Audible Noise • Highly Efficient
		ETQP5M2R5YFC		2.5uH $\pm 20\%$	18.1A	5.3m Ω $\pm 10\%$	
		ETQP5M3R3YFC		3.3uH $\pm 20\%$	15.7A	7.1m Ω $\pm 10\%$	
		ETQP5M4R7YFC		4.7uH $\pm 20\%$	13.1A	10.2m Ω $\pm 10\%$	
		ETQP5M100YFC		10.0uH $\pm 20\%$	8.5A	23.8m Ω $\pm 10\%$	
		ETQP5M220YFC		21.5uH $\pm 20\%$	6.2A	45.0m Ω $\pm 10\%$	
	PCC-M105YGC	ETQP5M101YGC	10.7 x 10.0 x 5.0	97uH $\pm 20\%$	1.6A	208m Ω $\pm 10\%$	• High Heat Resistance • High Reliability • High Bias Current • Temperature Stability • Low Audible Noise • Highly Efficient
	PCC-M0630L	ETQP3LR33XFN	7.5 x 6.5 x 3.0	0.33uH $\pm 20\%$	17A	2.0m Ω $\pm 10\%$	
	PCC-M0630M	ETQP3MR68YFN	6.5 x 6.0 x 3.0	0.68uH $\pm 20\%$	7.4A	6.3m Ω $\pm 10\%$	• Low profile for smaller circuits • Excellent DC bias performance • High reliability in humid conditions • High frequency range for excellent performance • Low audible noise
		ETQP3M1R0YFN		1.0uH $\pm 20\%$	6.6A	7.9m Ω $\pm 10\%$	
		ETQP3M1R5YFN		1.5uH $\pm 20\%$	5.6A	11m Ω $\pm 10\%$	
		ETQP3W1R0WFN		1.0uH $\pm 20\%$	8.1A	9.32m Ω $\pm 10\%$	
		ETQP3W1R5WFN		1.5uH $\pm 20\%$	6.6A	7.02m Ω $\pm 10\%$	
		ETQP3W2R2WFN		2.2uH $\pm 20\%$	5.8A	6.67m Ω $\pm 10\%$	
		ETQP3W3R3WFN		3.3uH $\pm 20\%$	4.8A	5.52m Ω $\pm 10\%$	
		ETQP3W4R7WFN		4.7uH $\pm 20\%$	2.8A	3.22m Ω $\pm 10\%$	
	PCC-M074L	ETQP4LR24AFM	8.7 x 7.0 x 4.0	0.24uH $\pm 20\%$	24A	1.0m Ω $\pm 7\%$	• High Power • Small type • Low loss (RDC 1.0 to 1.5m Ω) • Tighter DCR tol ($\pm 8\%$) • Suited for high frequency circuits (to 1 MHz) • Low audible noise (no discrete air gap)
		ETQP4LR36AFM		0.36uH $\pm 20\%$	20A	1.35m Ω $\pm 7\%$	
		ETQP4LR42AFM		0.42uH $\pm 20\%$	17A	1.5m Ω $\pm 7\%$	
	PCC-M104L	ETQP4LR36AFC	11.7 x 10.0 x 4.0	0.36H $\pm 20\%$	30A	0.76m Ω $\pm 5\%$	• Small size, Space saving, High power (21A to 30A) • Low loss (RDC: 0.76 to 1.58m Ω) • Tighter DCR tolerance ($\pm 5\%$) • Suitable for high frequency circuits (up to 1MHz) • Low audible noise
		ETQP4LR68XFC	11.5 x 10.0 x 4.0	0.68uH $\pm 20\%$	21A	1.58m Ω $\pm 5\%$	
		ETQP4LR19WFC		0.19uH $\pm 20\%$	28A	0.70m Ω $\pm 10\%$	
		ETQP4LR36WFC		0.36uH $\pm 20\%$	24A	1.10m Ω $\pm 5\%$	
		ETQP4LR45XFC		0.45uH $\pm 20\%$ / -25%	25A	1.10m Ω $\pm 5\%$	
		ETQ4LR56WFC		0.56uH $\pm 20\%$	21A	1.56m Ω $\pm 5\%$	

Power Choke Coils (cont.)							
Series	Part Number	Size (mm)	Inductance	Rated Current	DCR	Features	
PCC-M125L	ETQP5LR50XFA	14.5 x 12.5 x 5.0	0.50 μ H $\pm$ 20%	30A	0.80m Ω $\pm$ 7%	• High Power (25A to 30A) • Low loss (RDC:0.8 to 1.1 mohm) • Tighter DCR tolerance ($\pm$5% - $\pm$7%) • Low profile • High frequency (up to 1 MHz) • Low Audible Noise	
	ETQP5LR60XFA		0.60 μ H $\pm$ 20%	27A	1.10m Ω $\pm$ 5%		
PCC-D124H	ETQP3H0R4BFA	13.0 x 12.9 x 3.9	0.36 μ H $\pm$ 20%	23A	1.04m Ω max		
	ETQP3H0R8BFA		0.80 μ H $\pm$ 20%	16A	2.33m Ω max		
	ETQP3H1R4BFA		1.43 μ H $\pm$ 20%	12A	4.52m Ω max		
PCC-D125H	ETQP2H0R3BFA	13.0 x 12.9 x 4.9	0.29 μ H $\pm$ 20%	36A	0.54m Ω max	• High Power, High Inductance (MnFe Core) • Low Loss from Low RDC • Low Audible Noise • Surface Mount, Low profile	
	ETQP2H0R7BFA		0.69 μ H $\pm$ 20%	21A	1.30m Ω max		
	ETQP2H1R2BFA		1.22 μ H $\pm$ 20%	16A	2.27m Ω max		
	ETQP2H1R8BFA		1.83 μ H $\pm$ 20%	14A	3.48m Ω max		
	ETQP2H2R6BFA		2.61 μ H $\pm$ 20%	12A	4.98m Ω max		
PCC-D126H	ETQP1H0R6BFA	13.0 x 12.9 x 6.0	0.60 μ H $\pm$ 25%	26A	0.90m Ω max		
	ETQP1H1R0BFA		1.00 μ H $\pm$ 20%	19A	1.56m Ω max		
PCC-D126F	ETQP6F0R6BFA	12.5 x 12.5 x 6.0	0.58 μ H $\pm$ 20%	19A	1.44m Ω max	• High Power, High Inductance (MnFe Core) • Low Loss from Low RDC • Low Audible Noise • Surface Mount, Low profile	
	ETQP6F1R1BFA		1.06 μ H $\pm$ 20%	16A	2.24m Ω max		
	ETQP6F1R8BFA		1.71 μ H $\pm$ 20%	14A	3.30m Ω max		
	ETQP6F2R5BFA		2.45 μ H $\pm$ 20%	12A	4.92m Ω max		
	ETQP6F3R4BFA		3.32 μ H $\pm$ 20%	10A	6.48m Ω max		
PCC-F126F	ETQP6F0R8LFA	12.5 x 12.5 x 5.7	0.8 μ H $\pm$ 30%	14.2A	2.24m Ω max	• High Power (Isat 20A/100) • Thin Profile (5.7mm height)/SMD • Low Leakage Flux (EI type/Center gap core)	
	ETQP6F102HFA		10.2 μ H $\pm$ 25%	6.5A	13.30m Ω max		
	ETQP6F1R0SFA		1.0 μ H $\pm$ 30%	14.2A	2.24m Ω max		
	ETQP6F1R2HFA		1.2 μ H $\pm$ 30%	14.2A	2.24m Ω max		
	ETQP6F1R3LFA		1.3 μ H $\pm$ 30%	12.5A	3.30m Ω max		
	ETQP6F1R6SFA		1.6 μ H $\pm$ 30%	12.5A	3.30m Ω max		
	ETQP6F2R0HFA		2.0 μ H $\pm$ 30%	12.5A	3.30m Ω max		
	ETQP6F2R0LFA		2.0 μ H $\pm$ 30%	10.8A	4.92m Ω max		
	ETQP6F2R5SFA		2.5 μ H $\pm$ 30%	10.8A	4.92m Ω max		
	ETQP6F2R9LFA		2.9 μ H $\pm$ 30%	9.3A	6.48m Ω max		
	ETQP6F3R2HFA		3.2 μ H $\pm$ 25%	10.8A	4.92m Ω max		
	ETQP6F3R5SFA		3.5 μ H $\pm$ 30%	9.3A	6.48m Ω max		
	ETQP6F4R1LFA		4.1 μ H $\pm$ 20%	7.9A	8.64m Ω max		
	ETQP6F4R6HFA		4.6 μ H $\pm$ 25%	9.3A	6.48m Ω max		
	ETQP6F6R4HFA		6.4 μ H $\pm$ 25%	7.9A	8.64m Ω max		
	ETQP6F8R2HFA		8.2 μ H $\pm$ 25%	7.2A	10.90m Ω max		

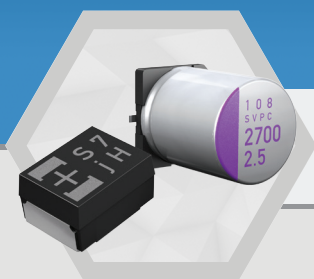
Chip Inductors	High Frequency Inductors	Laser Cut	Series	EIA Case Size	Inductance @ 100 MHz Nominal	Q* Min @ 100 MHz	Q Typical @ 800 MHz	Rated DC Current Max. (mA)	DC Resistance (Ω)	SRF Min. (MHz)	Features**
			ELJ-RF	0402	1.0 to 100 nH	8	21 to 14	400 to 90	0.05 to 5.5	6000 to 1200	• Non-polar • Precision inductance • High self-resonant frequency
			ELJ-RE	0603	1.0 to 220 nH	4 to 12	47 to 20	500 to 70	0.05 to 7.5	6000 to 900	• Non-polar • Precision inductance • High self-resonant frequency

EMI Filters	Surface Mount Filters	Coil	Series	Case Size	Impedance (Ω)	Tolerance	Cap. (pF)	Rated DC Current	DC Resistance Max (Ω)	Features
			ELK-E	1207			10 ~ 33K			• For Filtering Digital Noise • Stable Attenuation Characteristics Over Current Changes

Chip Choke Coils	Series	Size (mm)	Inductance Range	Saturation Rated Current	Features
	ELL-VEG ELL-VFG ELL-VGG	3.0 x 3.0 x 1.0 3.0 x 3.0 x 1.2 3.0 x 3.0 x 1.5	0.68 ~ 100 μH	180 ~ 2200 mA	• Magnetic Shielding • Low DC Resistance and large current capability • Vibration Resistant
	ELL-4GG ELL-4LG	3.8 x 3.8 x 1.4 3.8 x 3.8 x 1.8	1.0 ~ 150.0 μH	220 ~ 2400 mA	• Magnetic Shielding • Low DC Resistance and large current capability • Vibration resistant
	ELL-6RH ELL-6SH ELL-6UH	6.0 x 6.0 x 2.8 6.0 x 6.0 x 3.3 6.0 x 6.0 x 5.0	1.0 ~ 1000.0 μH	180 ~ 3400 mA	• Thin • High Mounting Reliability • Large Current Capability
	ELL-6GG	6.0 x 6.0 x 1.6	0.8 ~ 100.0 μH	380 ~ 2500 mA	• Magnetic Shielding • Low DC Resistance and large current capability
	ELL-ATV	10.0 x 10.0 x 4.5	1.5 ~ 1000.0 μH	320 ~ 6700 mA	• Magnetic Shielding • Low DC Resistance and large current capability • Available on Tape and Reel for automatic insertion
	ELL-CTV	12.0 x 12.0 x 4.5	1.2 ~ 1000.0 μH	410 ~ 6500 mA	

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