

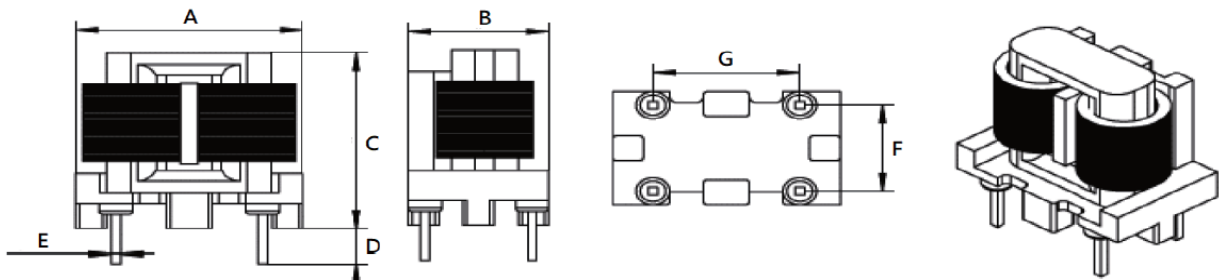
DIP Common Mode Chokes



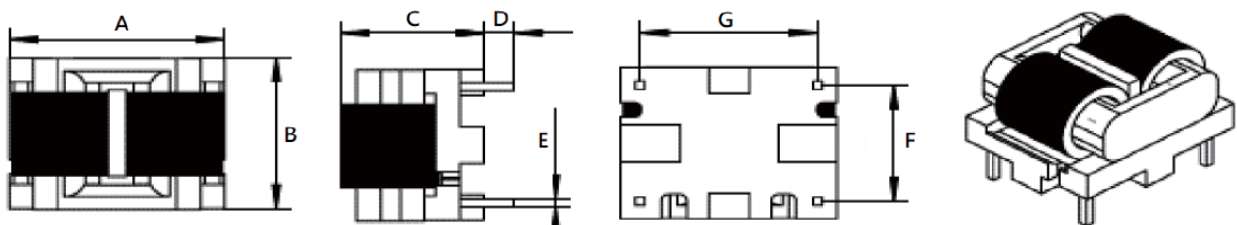
Features and Applications

- Low DC resistance, the distribution of capacitance is minimum.
- Closed magnetic circuit, small magnetic leakage, the effect of EMI achieved the expectation.
- AC/DC adaptors.
- Switching Power Supplies.
- LED lights.
- Monitor and Display unit.

Dimensions and Footprint (Unit:mm)



Type	A(Max)	B(Max)	C(Max)	D	E	F	G
CPMQ1212S	18	11	17	3.5±0.5	0.7±0.5	8.0±0.5	11±0.5
CPMQ1515S	21	14.5	20.5	3.5±0.5	0.7±0.5	10.0±0.5	12.8±0.5
CPMQ1918S	23.5	14	25.5	3.5±0.5	0.7±1.0	10.0±0.5	13±0.5
CPMQ2418S	24	14	32	3.5±0.5	0.8±1.0	10.0±0.5	13±0.5



Type	A(Max)	B(Max)	C(Max)	D	E	F	G
CPMQ1212L	18.5	14	12	3.5±0.5	0.7±0.5	10.0±0.5	13±0.5
CPMQ1515L	21	16.5	14	3.5±0.5	0.7±0.5	12.9±0.5	17±0.5
CPMQ1918L	26	23	16.5	3.5±0.5	0.6±0.5	15.5±0.5	17±0.5
CPMQ2418L	26	26	15.5	3.5±0.5	0.7±0.5	21.5±0.5	17±0.5
CPMQ2820L	32.5	30.5	15	3.5±0.5	1.0±0.5	27±0.5	25.5±0.5

Electrical Specifications-CPMQ1212Series(S&L)

P/N	INDUCTANCE(Min) (mH)(-30%/+50%)	DCR(Max) (mΩ)	IDC(Max) (A)	wire (mm)	Test Frequency
CPMQ1212□-123	12	250	1.5	0.13*1.0	1kHz
CPMQ1212□-103	10	180	1.5	0.15*1.0	1kHz
CPMQ1212□-702	7	100	2	0.20*1.0	1kHz

Electrical Specifications-CPMQ1515Series(S&L)

P/N	INDUCTANCE(Min) (mH)(-30%/+50%)	DCR(Max) (mΩ)	IDC(Max) (A)	wire (mm)	Test Frequency
CPMQ1515□-183	18.5 Min	350	1	0.10*1.0	1kHz
CPMQ1515□-353	35 Min	380	1	0.10*1.0	1kHz
CPMQ1515□-103	10 Min	210	1.5	0.15*1.0	1kHz
CPMQ1515□-103	10.5	180	1.5	0.20*1.0	1kHz
CPMQ1515□-203	20	250	1.5	0.13*1.0	1kHz
CPMQ1515□-283	28 Min	250	1.5	0.13*1.0	1kHz
CPMQ1515□-562	5.6 Min	110	2	0.20*1.0	1kHz
CPMQ1515□-802	8	110	2	0.20*1.0	1kHz
CPMQ1515□-143	14	130	2	0.20*1.0	1kHz
CPMQ1515□-153	15	120	2	0.20*1.0	1kHz
CPMQ1515□-103	10	130	2.5	0.25*1.0	1kHz
CPMQ1515□-422	4.2 Min	80	3	0.25*1.2	1kHz
CPMQ1515□-502	5	55	4	0.30*1.2	1kHz
CPMQ1515□-232	2.3 Min	30	5	0.40*1.2	1kHz
CPMQ1515□-472	4.7 Min	30	5	0.40*1.2	1kHz

Electrical Specifications-CPMQ1918Series(S&L)

P/N	INDUCTANCE(Min) (mH)(-30%/+50%)	DCR(Max) (mΩ)	IDC(Max) (A)	wire (mm)	Test Frequency
CPMQ1918□-153	15 Min	220	1.5	0.15*1.0	1kHz
CPMQ1918□-173	17	200	1.5	0.15*1.0	1kHz
CPMQ1918□-203	20 Min	300	1.5	0.13*1.0	1kHz
CPMQ1918□-203	20 Min	200	1.5	0.15*1.0	1kHz
CPMQ1918□-113N	11(-30%/+30%)	180	2	0.15*1.0	1kHz
CPMQ1918□-113	11	155	2	0.20*1.0	1kHz

Electrical Specifications-CPMQ1918Series(S&L)

P/N	INDUCTANCE(Min) (mH)(-30%/+50%)	DCR(Max) (mΩ)	IDC(Max) (A)	wire (mm)	Test Frequency
CPMQ1918□-952	9.5	100	3	0.25*1.0	1kHz
CPMQ1918□-103	10 Min	100	3	0.20*1.0	1kHz
CPMQ1918□-402	4 Min	70	3.5	0.30*1.0	1kHz
CPMQ1918□-502	5(-30%/+30%)	50	4	0.35*1.0	1kHz
CPMQ1918□-502	5(-30%/+30%)	50	5	0.40*1.0	1kHz
CPMQ1918□-402	4(-30%/+30%)	30	6	0.40*1.2	1kHz

Electrical Specifications-CPMQ2418Series(S&L)

P/N	INDUCTANCE(Min) (mH)(-30%/+50%)	DCR(Max) (mΩ)	IDC(Max) (A)	wire (mm)	Test Frequency
CPMQ2418□-303	30 Min	250	2	0.2*1.0	1kHz
CPMQ2418□-403	40	260	2	0.2*1.0	1kHz
CPMQ2418□-293	29	175	2.5	0.2*1.0	1kHz
CPMQ2418□-802	8.0 Min	100	3.5	0.3*1.2	1kHz
CPMQ2418□-802	8.0 Min	85	4	0.3*1.5	1kHz
CPMQ2418□-123	12	80	4.5	0.35*1.2	1kHz
CPMQ2418□-902	9	60	5	0.4*1.2	1kHz
CPMQ2418□-602	6	50	6	0.4*1.5	1kHz

Electrical Specifications-CPMQ2820

P/N	INDUCTANCE(Min) (mH)(-30%/+50%)	DCR(Max) (mΩ)	IDC(Max) (A)	wire (mm)	Test Frequency
CPMQ2820L-303	6	25	11	0.6*1.9	1kHz

- Insulation resistance(MΩ):100@500Vdc(Min.)
- Hi-Pot(N1=N2):1800 V 2 Sec, 2mA,@AC 50Hz