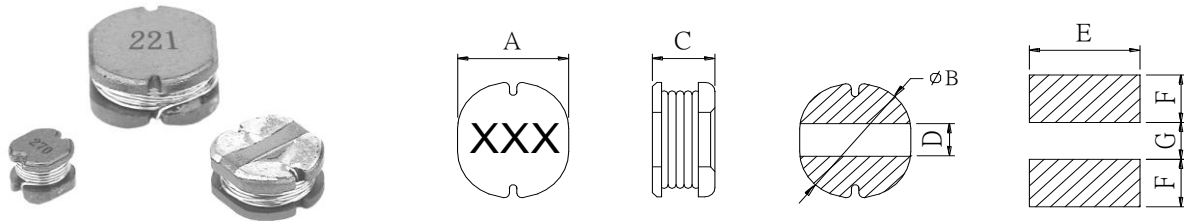


Power Choke – YC52T Series

EXTERNAL DIMENSIONS

(Unit:mm)



Type	A	B	C	D	E	F	G
YC52T	5.2±0.3	5.8±0.3	2.5±0.3	1.4Ref.	5.7	2.55	1.2

YC52T Series

Part Number	Inductance (μH)	Test Frequency (KHz)	DC Resistance (Ω)Max.	Rated DC Current (A)Max.
YC52T*100□S	10	100	0.180	1.50
YC52T*120□S	12	100	0.200	1.40
YC52T*150□S	15	100	0.235	1.30
YC52T*180□S	18	100	0.280	1.23
YC52T*220□S	22	100	0.310	1.11
YC52T*270□S	27	100	0.380	0.97
YC52T*330□S	33	100	0.490	0.88
YC52T*390□S	39	100	0.530	0.80
YC52T*470□S	47	100	0.760	0.72
YC52T*560□S	56	100	0.830	0.68
YC52T*680□S	68	100	1.040	0.61
YC52T*820□S	82	100	1.170	0.58
YC52T*101□S	100	100	1.480	0.52

NOTE: □Tolerance value: K = ±10%, L = ±15%, M = ±20%.

Test Equipment and Conditions

- Inductance is measured with HP-4284A LCR Meter or equivalent.
- Maximum allowable DC current is that which causes a 10% inductance reduction of the initial value, or coil temperature to rise by 40°C, whichever is smaller. (Reference ambient temperature 20°C)
- Excellent solderability and high heat resistance
- Packed in embossed carrier tape and can be used by automatic mounting machine.

Features

- Excellent solderability and high heat resistance
- Excellent terminal strength construction.
- Packed in embossed carrier tape and can be used by automatic mounting machine.

Applications

- Power supply for VCR, OA equipment, LCD television set notebook, DC to DC converters, DC to AC inverters etc.

SMT