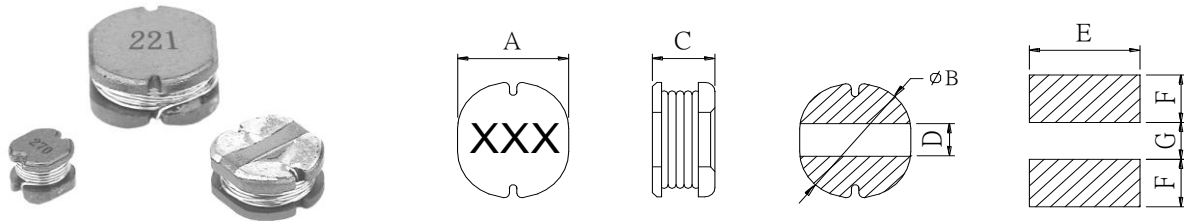


Power Choke – YC54T Series

EXTERNAL DIMENSIONS

(Unit:mm)



Type	A	B	C	D	E	F	G
YC54T	5.2±0.3	5.8±0.3	4.5±0.3	1.4Ref.	5.7	2.55	1.2

YC54T Series

Part Number	Inductance (μH)	Test Frequency (KHz)	DC Resistance (Ω)Max.	Rated DC Current (A)Max.
YC54T-2R2□S	2.2	100	0.024	3.50
YC54T-3R3□S	3.3	100	0.027	3.00
YC54T-4R7□S	4.7	100	0.027	2.50
YC54T-6R8□S	6.8	100	0.045	2.20
YC54T*100□S	10	100	0.10	1.44
YC54T*120□S	12	100	0.12	1.40
YC54T*150□S	15	100	0.14	1.30
YC54T*180□S	18	100	0.15	1.23
YC54T*220□S	22	100	0.18	1.11
YC54T*270□S	27	100	0.20	0.97
YC54T*330□S	33	100	0.23	0.88
YC54T*390□S	39	100	0.32	0.80
YC54T*470□S	47	100	0.37	0.72
YC54T*560□S	56	100	0.42	0.68
YC54T*680□S	68	100	0.46	0.61
YC54T*820□S	82	100	0.60	0.58
YC54T*101□S	100	100	0.70	0.52
YC54T*121□S	120	100	0.93	0.48
YC54T*151□S	150	100	1.10	0.40
YC54T*181□S	180	100	1.38	0.38
YC54T*221□S	220	100	1.57	0.35

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.

SMT