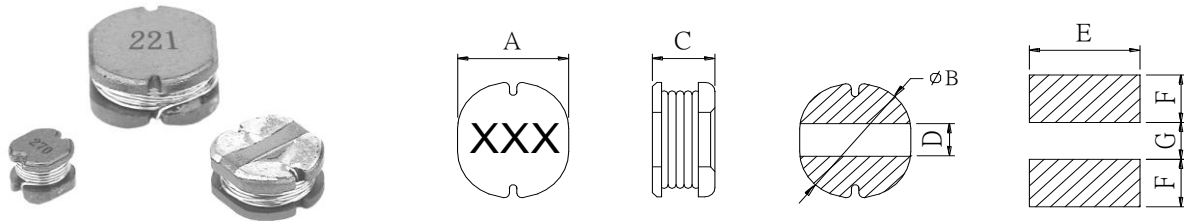


## Power Choke – YC75T Series

### EXTERNAL DIMENSIONS

(Unit:mm)



Type	A	B	C	D	E	F	G
YC75T	7.0±0.3	7.8±0.3	5.0±0.5	1.7Ref.	7.5	3.40	1.5

### YC75T Series

Part Number	Inductance (μH)	Test Frequency (KHz)	DC Resistance (Ω)Max.	Rated DC Current (A)Max.
YC75T*1R5□S	1.5	100	0.015	5.00
YC75T*5R6□S	5.6	100	0.025	3.00
YC75T*7R5□S	7.5	100	0.035	2.90
YC75T*8R2□S	8.2	100	0.036	2.80
YC75T*100□S	10	100	0.070	2.30
YC75T*120□S	12	100	0.080	2.00
YC75T*150□S	15	100	0.090	1.80
YC75T*180□S	18	100	0.100	1.60
YC75T*220□S	22	100	0.110	1.50
YC75T*270□S	27	100	0.120	1.30
YC75T*330□S	33	100	0.130	1.20
YC75T*390□S	39	100	0.160	1.10
YC75T*470□S	47	100	0.180	1.10
YC75T*560□S	56	100	0.240	0.94
YC75T*680□S	68	100	0.280	0.85
YC75T*820□S	82	100	0.370	0.78
YC75T*101□S	100	100	0.430	0.72
YC75T*121□S	120	100	0.47	0.66
YC75T*151□S	150	100	0.64	0.58
YC75T*181□S	180	100	0.71	0.51
YC75T*221□S	220	100	0.96	0.49
YC75T*271□S	270	100	1.11	0.42
YC75T*331□S	330	100	1.26	0.40
YC75T*391□S	390	100	1.77	0.36
YC75T*471□S	470	100	1.96	0.34

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