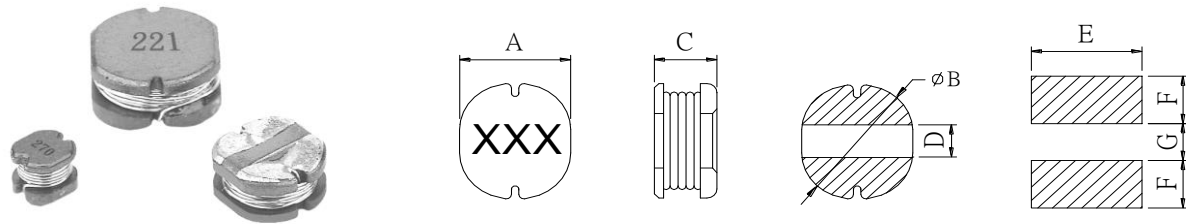


Power Choke – YC105T Series

EXTERNAL DIMENSIONS

(Unit:mm)



Type	A	B	C	D	E	F	G
YC105T	9.0±0.3	10.0±0.3	5.4±0.5	2.2Ref.	9.5	4.25	2.0

YC105T Series

Part Number	Inductance (μH)	Test Frequency (KHz)	DC Resistance (Ω)Max.	Rated DC Current (A)Max.
YC105T*3R3□S	3.3	100	0.018	5.00
YC105T*3R9□S	3.9	100	0.020	4.00
YC105T*5R6□S	5.6	100	0.025	3.30
YC105T*6R8□S	6.8	100	0.035	3.00
YC105T*8R2□S	8.2	100	0.028	2.80
YC105T*100□S	10	100	0.060	2.60
YC105T*120□S	12	100	0.070	2.45
YC105T*150□S	15	100	0.080	2.27
YC105T*180□S	18	100	0.090	2.15
YC105T*220□S	22	100	0.100	1.95
YC105T*270□S	27	100	0.110	1.76
YC105T*330□S	33	100	0.120	1.50
YC105T*390□S	39	100	0.140	1.37
YC105T*470□S	47	100	0.170	1.28
YC105T*560□S	56	100	0.190	1.17
YC105T*680□S	68	100	0.220	1.11
YC105T*820□S	82	100	0.250	1.00
YC105T*101□S	100	100	0.350	0.97
YC105T*121□S	120	100	0.400	0.89
YC105T*151□S	150	100	0.470	0.78
YC105T*181□S	180	100	0.630	0.72
YC105T*221□S	220	100	0.730	0.66
YC105T*271□S	270	100	0.970	0.57
YC105T*331□S	330	100	1.150	0.52
YC105T*391□S	390	100	1.300	0.48
YC105T*471□S	470	100	1.480	0.42
YC105T*561□S	560	100	1.900	0.33
YC105T*681□S	680	100	2.250	0.28
YC105T*821□S	820	100	2.550	0.24

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