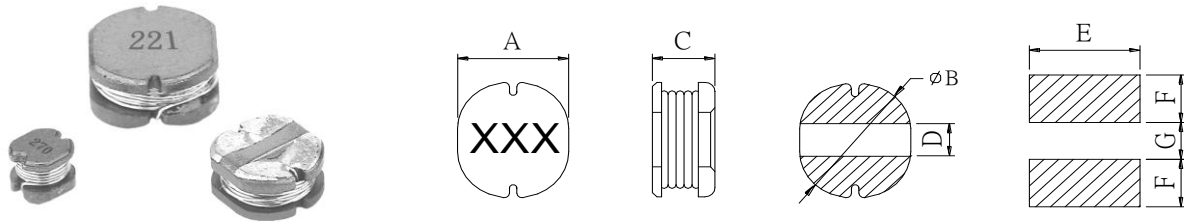


Power Choke – YC43T Series

EXTERNAL DIMENSIONS

(Unit:mm)



Type	A	B	C	D	E	F	G
YC43T	4.0±0.3	4.5±0.3	3.2±0.3	1.1Ref.	4.5	2.00	1.0

YC43T Series

Part Number	Inductance (μH)	Test Frequency (KHz)	DC Resistance (Ω)Max.	Rated DC Current (A)Max.
YC43T*1R0□S	1.0	100	0.0487	2.56
YC43T*1R4□S	1.4	100	0.0562	2.52
YC43T*1R8□S	1.8	100	0.0637	1.95
YC43T*2R2□S	2.2	100	0.0712	1.75
YC43T*2R7□S	2.7	100	0.0787	1.58
YC43T*3R3□S	3.3	100	0.0862	1.44
YC43T*3R9□S	3.9	100	0.0937	1.33
YC43T*5R6□S	5.6	100	0.1257	1.25
YC43T*6R8□S	6.8	100	0.1312	1.18
YC43T*8R2□S	8.2	100	0.1462	1.12
YC43T*100□S	10	100	0.1820	1.04
YC43T*120□S	12	100	0.2100	0.97
YC43T*150□S	15	100	0.2350	0.85
YC43T*180□S	18	100	0.3380	0.74
YC43T*220□S	22	100	0.3780	0.68
YC43T*270□S	27	100	0.5220	0.62
YC43T*330□S	33	100	0.5400	0.56
YC43T*390□S	39	100	0.5870	0.52
YC43T*470□S	47	100	0.8440	0.44
YC43T*560□S	56	100	0.9370	0.42
YC43T*680□S	68	100	1.1170	0.37
YC43T*820□S	82	100	1.1800	0.30
YC43T*880□S	88	100	1.2000	0.30
YC43T*101□S	100	100	1.5000	0.27
YC43T*151□S	150	100	2.5000	0.21
YC43T*181□S	180	100	3.5000	0.19

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.