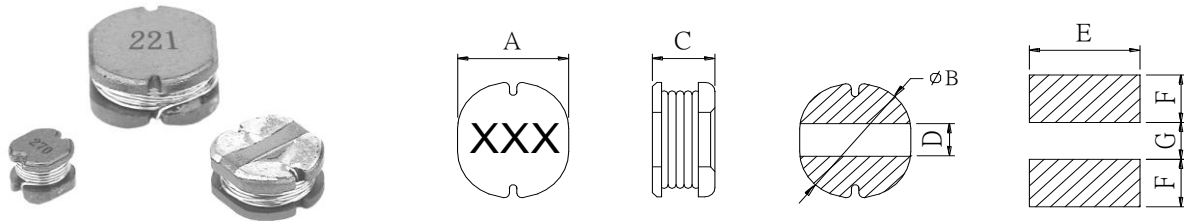


Power Choke - YC32T Series

EXTERNAL DIMENSIONS

(Unit:mm)



Type	A	B	C	D	E	F	G
YC32T	3.0±0.3	3.5±0.3	2.3±0.3	1.0Ref.	3.5	1.50	1.0

Part Number	Inductance (μH)	Test Frequency (KHz)	DC Resistance (Ω)Max.	Rated DC Current (A)Max.
YC32T*1R0□S	1.0	100	0.06	2.70
YC32T*1R2□S	1.2	100	0.07	2.50
YC32T*1R5□S	1.5	100	0.07	2.30
YC32T*1R8□S	1.8	100	0.08	2.00
YC32T*2R2□S	2.2	100	0.09	1.85
YC32T*2R7□S	2.7	100	0.10	1.70
YC32T*3R3□S	3.3	100	0.11	1.60
YC32T*3R9□S	3.9	100	0.12	1.50
YC32T*4R7□S	4.7	100	0.15	1.35
YC32T*5R6□S	5.6	100	0.16	1.30
YC32T*6R8□S	6.8	100	0.18	1.20
YC32T*8R2□S	8.2	100	0.20	1.05
YC32T*100□S	10	100	0.25	0.90
YC32T*120□S	12	100	0.28	0.85
YC32T*150□S	15	100	0.40	0.80
YC32T*180□S	18	100	0.46	0.75
YC32T*220□S	22	100	0.66	0.65
YC32T*270□S	27	100	0.75	0.55
YC32T*330□S	33	100	0.85	0.50
YC32T*390□S	39	100	1.12	0.45
YC32T*470□S	47	100	1.27	0.40
YC32T*560□S	56	100	1.45	0.35
YC32T*680□S	68	100	1.85	0.32
YC32T*820□S	82	100	2.10	0.30
YC32T*101□S	100	100	2.85	0.28
YC32T*121□S	120	100	3.20	0.25
YC32T*151□S	150	100	4.60	0.23
YC32T*181□S	180	100	5.00	0.21
YC32T*221□S	220	100	5.70	0.19
YC32T*271□S	270	100	8.60	0.17
YC32T*331□S	330	100	10.0	0.15
YC32T*391□S	390	100	10.8	0.14

SMT

Power Choke - YC32T Series

Part Number	Inductance (μ H)	Test Frequency (KHz)	DC Resistance (Ω)Max.	Rated DC Current (A)Max.
YC32T*471□S	470	100	14.3	0.13
YC32T*561□S	560	100	16.0	0.12
YC32T*681□S	680	100	18.0	0.11
YC32T*821□S	820	100	22.5	0.10
YC32T*102□S	1000	100	26.0	0.09
YC32T*122□S	1200	100	30.0	0.08

NOTE: □Tolerance value: K = $\pm 10\%$, L = $\pm 15\%$, M = $\pm 20\%$

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)

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