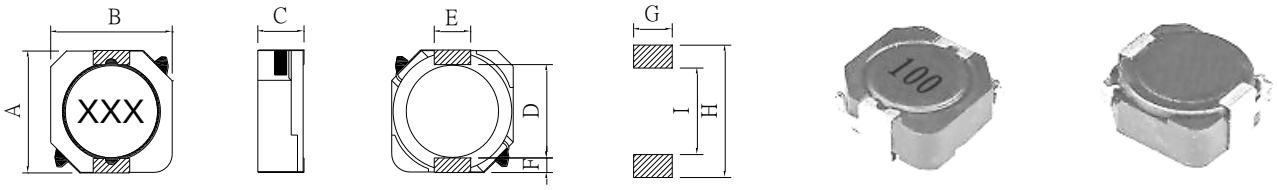
Power Choke - YC104RT Series

EXTERNAL DIMENSIONS

(Unit:mm)



Type	A	B	C	D	E	F	G	H	I
YC104RT	10.1±0.3	10.0±0.3	3.8±0.2	7.7±0.3	3.0±0.1	1.2±0.15	3.2	10.7	7.3

YC104RT Series

Part Number	Inductance (μH)	Test Frequency (KHz)	DC Resistance (Ω)Max.	Rated DC Current (A)Max.
YC104RT-1R5□-1S	1.5	100	0.012	7.00
YC104RT-1R8□-1S	1.8	100	0.013	6.80
YC104RT-2R5□-1S	2.5	100	0.018	6.30
YC104RT-2R7□-1S	2.7	100	0.018	6.30
YC104RT-3R3□-1S	3.3	100	0.023	7.00
YC104RT-3R8□-1S	3.8	100	0.025	5.70
YC104RT-4R7□-1S	4.7	100	0.028	6.00
YC104RT-5R2□-1S	5.2	100	0.030	5.00
YC104RT-6R8□-1S	6.8	100	0.032	5.00
YC104RT-100□-1S	10	100	0.050	4.40
YC104RT-120□-1S	12	100	0.050	4.20
YC104RT-150□-1S	15	100	0.070	3.60
YC104RT-180□-1S	18	100	0.080	3.30
YC104RT-220□-1S	22	100	0.100	2.90
YC104RT-270□-1S	27	100	0.130	2.60
YC104RT-330□-1S	33	100	0.150	2.30
YC104RT-390□-1S	39	100	0.185	2.20
YC104RT-470□-1S	47	100	0.185	2.10
YC104RT-680□-1S	68	100	0.310	1.50
YC104RT-820□-1S	82	100	0.261	1.40
YC104RT-101□-1S	100	100	0.410	1.35
YC104RT-151□-1S	150	100	0.560	1.15
YC104RT-201□-1S	200	100	0.950	0.90
YC104RT-221□-1S	220	100	0.870	0.92
YC104RT-251□-1S	250	100	1.050	0.80
YC104RT-331□-1S	330	100	1.250	0.70
YC104RT-471□-1S	470	100	1.650	0.50
YC104RT-681□-1S	680	100	3.100	0.30
YC104RT-102□-1S	1000	100	5.500	0.20

NOTE: □Tolerance value : K = ±10%, M = ±20%, N = ±30%.

SMT

Test Equipment and Conditions

- Inductance is measured with HP-4284A LCR meter or equivalent.
- 1. Maximum allowable DC current is that which causes a 25% inductance reduction of the initial value, or coil temperature to rise by 40℃,whichever is smaller.(Reference ambient temperature 20℃)
- Operating temperature：-25℃～+85℃.