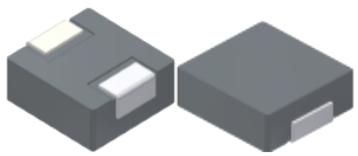
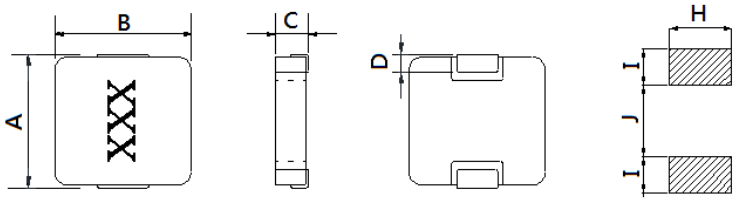
Power Choke – YM0624T Series

EXTERNAL DIMENSIONS (Unit: mm)





Type	A	B	C	D	H	I	J
YM0624T	7.0±0.30	6.6±0.20	2.2±0.2	1.6±0.30	3.50	2.35	3.7

YM0624T Series

Part Number	Inductance L(uH)	Test Frequency (KHz)	DC Resistance (mΩ)Max.	Idc1 (Isat) (A)Typ.	Idc2 (Irms) (A)Typ.
YM0624T-R22M	0.22	100	3.0	34	21
YM0624T-R33M	0.33	100	4.1	24.5	18
YM0624T-R47M	0.47	100	5.1	22	15
YM0624T-R56M	0.56	100	6.5	17	13
YM0624T-R68M	0.68	100	7.0	16	12
YM0624T-1R0M	1.0	100	13.5	16	9.0
YM0624T-1R5M	1.5	100	20	15	9.0
YM0624T-2R2M	2.2	100	28	14	7.0
YM0624T-3R3M	3.3	100	39	13	5.5
YM0624T-4R7M	4.7	100	50	7.5	5.0
YM0624T-6R8M	6.8	100	70	6.0	4.0
YM0624T-100M	10	100	101	4.0	3.1
YM0624T-150M	15	100	160	3.3	2.5
YM0624T-220M	22	100	230	3.3	2.0

NOTE: Tolerance value: M = ±20%

Features

- YM series, an automatic assembly power inductor, is shielded with Iron powder and suitable for the Portable DC-DC converter application.
- RoHS compliant.
- Highly accurate dimensions can be mounted automatically.
- Terminals are highly resistant to pull forces.
- Superior EMI electrical with ultra low radiation comparing to conventional shielded power inductors.

Applications

- LCD TV, Monitor, Ap Router, STB, Smart Phone, Touch Panel, DSC, Game Console and other electronic devices.

Test Conditions

- Idc1(Isat):DC current (A) that will cause L0 to drop approximately 30 % Typ.
- Idc2(Irms):. DC current (A) that will cause an approximate ΔT of 40 °C Typ
- Operating Temperature : -55℃~ +125℃.