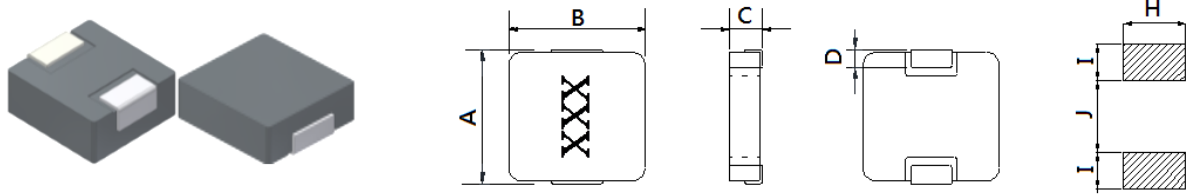


Power Choke – YM0518T Series

EXTERNAL DIMENSIONS

(Unit: mm)



Type	A	B	C	D	H	I	J
YM0518T	5.4±0.30	5.2±0.20	1.6±0.2	1.2±0.20	2.50	1.50	2.2

YM0518T Series

Part Number	Inductance L(uH)	Test Frequency (KHz)	DC Resistance (mΩ)Max.	Idc1 (Isat) (A)Typ.	Idc2 (Irms) (A)Typ.
YM0518T-R47M	0.47	100	9.0	15.5	10.5
YM0518T-R56M	0.56	100	10	15.0	9.5
YM0518T-1R0M	1.0	100	17	9.0	8.0
YM0518T-1R5M	1.5	100	26	9.0	7.5
YM0518T-2R2M	2.2	100	35	6.5	5.0
YM0518T-3R3M	3.3	100	58	5.0	4.5
YM0518T-4R7M	4.7	100	85	4.0	3.5
YM0518T-6R8M	6.8	100	120	3.4	2.8
YM0518T-100M	10	100	155	3.0	2.5

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°C ~ +125°C.

SMT