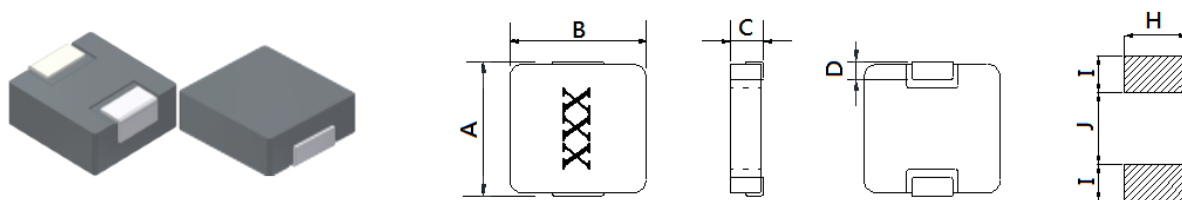


## Power Choke – YM0412T Series

### EXTERNAL DIMENSIONS

(Unit: mm)



Type	A	B	C	D	H	I	J
YM0412T	4.4±0.35	4.2±0.25	1.0±0.2	0.8±0.30	2.50	1.50	2.2

Part Number	Inductance L(uH)	Test Frequency (KHz)	DC Resistance (mΩ)Max.	Idc1 (Isat) (A)Typ.	Idc2 (Irms) (A)Typ.
YM0412T-R15M	0.15	100	9.0	15	7.5
YM0412T-R22M	0.22	100	11	11	7.0
YM0412T-R33M	0.33	100	19	8.4	6.5
YM0412T-R47M	0.47	100	21	6.8	6.0
YM0412T-R68M	0.68	100	36	6.0	4.7
YM0412T-1R0M	1.0	100	47	5.5	4.5
YM0412T-1R5M	1.5	100	75	4.0	3.25
YM0412T-2R2M	2.2	100	83.5	3.5	2.75
YM0412T-4R7M	4.7	100	195	2.8	1.8

### 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