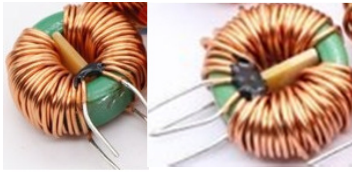


Common mode chok Toroidal - TCM Series



欣腾辉电子
XINTENGHUI ELECTRONICS

TCM-S Series



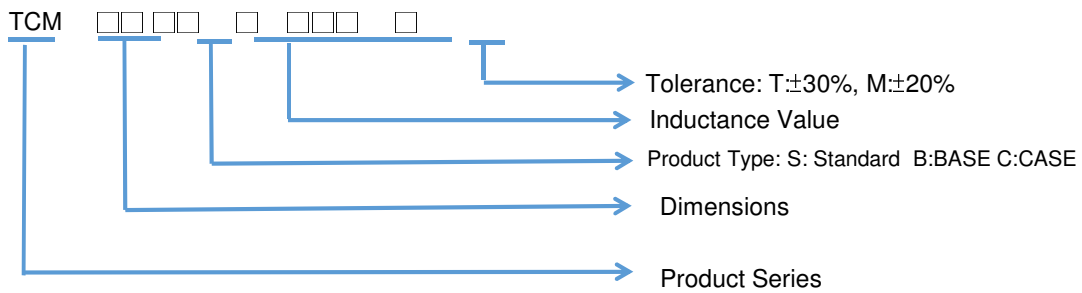
Description:

- RoHS, Halogen Free and REACH Compliance
- Line filters suppressing conductive noise ranging from low to high frequencies generated at power supply circuits of various electronic equipment.
- Wide range of inductance

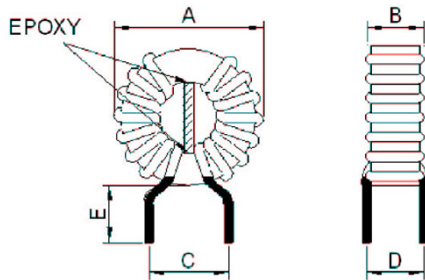
Applications:

- Televisions, VCR, OA equipment.
- Switching Power sources
- Others electronic equipment, etc.

Product Identification



Dimensions-mm



Dimensions-mm

TYPE	A	B
TCM1204S	14mm	6mm
TCM1405S	16mm	7.5mm
TCM1407S	16.5mm	10.5mm
TCM1608S	20mm	11mm
TCM1807S	22mm	11mm
TCM2208S	28mm	14mm
TCM2510S	30mm	16mm

Common mode chok Toroidal - TCM Series

Electrical Characteristics

Part No.	CORE	Inductance (min)	Wire (mm)	Rated current(A)
TCM1204S202	12*6*4	2mH	0.60	4A
TCM1204S103	12*6*4	10mH	0.40	2A
TCM1204S203	12*6*4	20mH	0.35	1.5A
TCM1204S303	12*6*4	30mH	0.30	1.2A
TCM1405S331	14*9*5	0.33mH	1.00	10A
TCM1405S202	14*9*5	2mH	0.70	5A
TCM1405S502	14*9*5	5mH	0.60	4A
TCM1405S103	14*9*5	10mH	0.60	4A
TCM1405S203	14*9*5	20mH	0.45	2.5A
TCM1407S203	14*8*7	20mH	0.40	2A
TCM1407S403	14*8*7	40mH	0.40	2A
TCM1608S203	16*12*8	20mH	0.50	3A
TCM1807S102	18*10*7	1mH	1.00	10A
TCM1807S502	18*10*7	5mH	0.80	8A
TCM1807S103	18*10*7	10mH	0.70	5A
TCM1807S203	18*10*7	20mH	0.70	5A
TCM1807S303	18*10*7	30mH	0.50	3A
TCM2208S102	22*14*8	1mH	1.20	15A
TCM2208S202	22*14*8	2mH	1.00	10A
TCM2208S502	22*14*8	5mH	1.00	10A
TCM2208S103	22*14*8	10mH	1.00	10A
TCM2208S203	22*14*8	20mH	0.80	8A
TCM2210S103	22*15*10	10mH	1.20	15A
TCM2210S303	22*15*10	30mH	1.00	10A

Notes:

- 1.tolerance $K=\pm 10\%$ / $M=\pm 20\%$
- 2.All test data is referenced to 25°C ambient.
- 3.Operating temperature range $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$ (Including self - temperature rise)
- 4.Rated current: The current when temperature of coil increases up to Max. $\Delta T=40^{\circ}\text{C}$ ($T_a=20^{\circ}\text{C}$)
5. Measure Equipment :
L : Agilent/ E4980 or HP4284A (under 1MHz), HP4285A (over 1MHz)
RDC : Chroma 16502
Idc : HP4284+42841A or WK3260B+WK3265B
- 6.Test Condition:
Temperature: $26\pm 3^{\circ}\text{C}$
Humidity: $<70\%$ RH