



- All materials are Meets UL requestment.
- Current-compensated ring core double choke
- Lower inductance loss
- Pb free and RoHS compliant add suffix code " -E ".
- Customer designs available

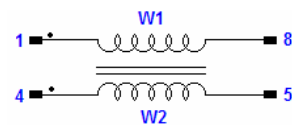
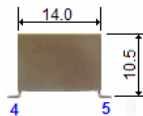
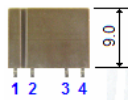
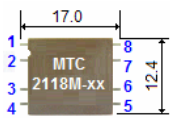
Electrical Specification @ 25 °C, Operating Temperature -20°C to 85°C

| Part Number | L _R (mH) | L _{stary, typ} (nH) | I _R (mA) | R _{typ} (mohm) | V _{test} VDC, 2 s | Applications |
|---------------|---------------------|------------------------------|---------------------|-------------------------|----------------------------|----------------------|
| MTC2118M-T1-E | 4.7 | 350 | 700 | 500 | 750 | Telecom applications |
| MTC2118M-T2-E | 10 | 450 | 600 | 700 | 750 | |
| MTC2118M-T3-E | 28 | 800 | 400 | 1200 | 750 | |
| MTC2118M-T4-E | 47 | 1200 | 300 | 2800 | 750 | |
| MTC2118M-T5-E | 68 | 1300 | 200 | 3400 | 750 | |

Mechanical:

Schematic:

Unit: mm

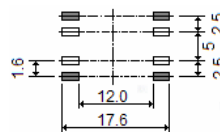


Weight : 3.0g

Part Number Code

MTC 2118 M - T X - E
 1 2 3 4 5

1. Core type
2. M : SMD Type
3. T : Telecom applications
4. Series
5. Lead free, Rohs compliant



PCB Layout recommendation

Technical Data :

Rate voltage **42V AC (50/60Hz) / 80V DC ,**
 Rate inductance **at+25C and 10KHz 50mV**
 Tolerance **(+50 -30%)**
 DC resistance **at+25°C**
 Packing unit: **300 PCS/reel**

