



- 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

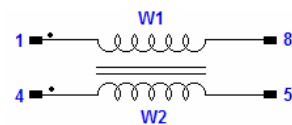
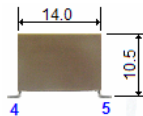
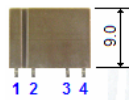
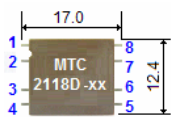
*Electrical Specification @ 25 °C, Operating Temperature -20°C to 85°C*

Part Number	L <sub>R</sub> (mH)	L <sub>stary</sub> , typ (nH)	I <sub>R</sub> (mA)	R <sub>typ</sub> (mohm)	V <sub>test</sub> AC 2 s (line / line)	Applications
MTC2118M-D1-E	22	130	0.3	1500	1500	Suppression of common-mode interferences
MTC2118M-D2-E	12	80	0.3	1100	1500	
MTC2118M-D3-E	4.4	30	0.6	400	1500	
MTC2118M-D4-E	3.0	20	1.0	220	1500	
MTC2118M-D5-E	1.6	10	1.5	110	1500	
MTC2118M-D6-E	1.1	6	2.0	65	1500	

**Mechanical:**

**Schematic:**

Unit: mm

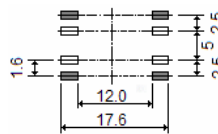


Weight : 2.7g

**Part Number Code**

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

1. Core type
2. M : SMD Type
3. D : double chokes
4. Series
5. Lead free, Rohs compliant



PCB Layout recommendation

**Technical Data :**

**Rated voltage** 250V AC (50/60Hz)  
**Rated Inductance** at+25C and 10KHz 50mV  
**Tolerance** (+50-35%)  
**DC resistance** at+20°C  
**Packing unit:** 300 PCS/reel

