



- All materials are Meets UL requestment.
- Toroid core in ferrite material
- Lower inductance loss
- Pb free and RoHS compliant add suffix code " -E ".
- Custom designs available

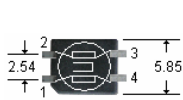
Electrical Specification @ 25 °C, Operating Temperature -40°C to 125°C

Part Number	Inductance 100KHz 1~4 : 2~3	DCR (Each Winding) (mΩ / max)	Stary inductance (nH / typ)	Rated current Rated Voltage	Aplication
MTC3918-B01-E	5.0uH /each	59.9	50	1200mA /42V AC/ 80VDC	XDSL Transformer Noise suppression
MTC3918-B02-E	11.0uH /each	85.8	50	800mA /42V AC/ 80VDC	XDSL Transformer Noise suppression
MTC3918-B03-E	470uH /each	195.8	200	700mA /42V AC/ 80VDC	XDSL Transformer Noise suppression
MTC3918-B04-E	1000uH /each	220	77	700mA /42V AC/ 80VDC	XDSL Transformer Noise suppression
MTC3918-B05-E	2200uH /each	374	150	500mA /42V AC/ 80VDC	XDSL Transformer Noise suppression
MTC3918-B06-E	4700uH /each	506	200	400mA /42V AC/ 80VDC	XDSL Transformer Noise suppression
MTC3918-B07-E	470uH /each	169	80	800mA /42V AC/ 80VDC	XDSL Transformer Noise suppression
MTC3918-B08-E	470uH /each	160	83	800mA /42V AC/ 80VDC	XDSL Transformer Noise suppression
MTC3918-D01-E	25uH /each	111	800	700mA /42V AC/ 80VDC	XDSL Transformer Noise suppression
MTC3918-D02-E	51uH /each	143	2000	800mA /42V AC/ 80VDC	XDSL Transformer Noise suppression

Mechanical:

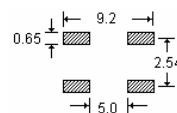
Schematic:

Unit: mm



Part Number Code

MTC 3918 - B xx - E
 1 2 3 4



- 1. Coil Type
- 2. B : Bifilar winding D : Sector winding
- 3. xx : Series
- 4. E: Lead free, Rohs compliant

Technical Data :

Rate voltage
 Rate inductance at+25C and 100KHz 0.05V
 Tolerance (+-30%)
 DC resistance at+25°C
 Climatic category (-40°C to +100°C , Humidity cat.C)



