



- All materials are Meets UL requestment
- Toroid core in ferrite material
- Lower inductance loss
- Single layer wound , High current capacity
- Dielectric strength :1500Vrms
- Operating temperature : -40 to +105° C
- Pb free and RoHS compliant add suffix code " -E ".

MTC2525 Series *Rated current to cause approx. @ 35 °C , Temperature rise*

| Part Number | Inductance (mH).@ 1KHz | I (A) MAX. | DCR (Q) MAX. | Dim. Max. Dim. Max. Dim. Max. Dim. ±0.25 | Dim. ±1.0 | Dim. ±0.3 | Dim. ±0.3 | | | |
|---------------|------------------------|------------|--------------|--|-----------|-----------|-----------|------|-------|-------|
| | | | | A | B | C | D | E | F | G |
| MTC2525-VB01E | 2 x 10 | 2.4 | 0.17 | 30.5 | 30.5 | 1.27 | 15.25 | 5.08 | 10.16 | 20.32 |
| MTC2525-VB02E | 2 x 7 | 2.8 | 0.12 | 30.5 | 30.5 | 1.27 | 15.25 | 5.08 | 10.16 | 20.32 |
| MTC2525-VB03E | 2 x 5 | 3.7 | 0.07 | 30.5 | 30.5 | 1.27 | 15.25 | 5.08 | 10.16 | 20.32 |
| MTC2525-VB04E | 2 x 2 | 6.6 | 0.023 | 30.5 | 30.5 | 1.27 | 15.25 | 5.08 | 10.16 | 20.32 |
| MTC2525-VB05E | 2 x 1 | 10 | 0.01 | 30.5 | 30.5 | 1.27 | 15.25 | 5.08 | 10.16 | 20.32 |
| MTC2525-VB06E | 2 x 30 | 2.3 | 0.33 | 34.3 | 36.8 | 1.27 | 20.32 | 5.08 | 15.24 | 22.86 |
| MTC2525-VB07E | 2 x 20 | 2.9 | 0.21 | 34.3 | 36.8 | 1.27 | 20.32 | 5.08 | 15.24 | 22.86 |
| MTC2525-VB08E | 2 x 12 | 4.0 | 0.11 | 34.3 | 36.8 | 1.27 | 20.32 | 5.08 | 15.24 | 22.86 |
| MTC2525-VB09E | 2 x 8 | 5.6 | 0.055 | 34.3 | 36.8 | 1.27 | 20.32 | 5.08 | 15.24 | 22.86 |
| MTC2525-VB10E | 2 x 5 | 8.9 | 0.022 | 36.8 | 38.1 | 1.09 | 20.32 | 5.08 | 15.24 | 22.86 |
| MTC2525-VB11E | 2 x 2.5 | 12.5 | 0.011 | 36.8 | 38.1 | 1.34 | 20.32 | 5.08 | 15.24 | 22.86 |
| MTC2525-VB12E | 2 x 1.2 | 16 | 0.006 | 38.1 | 38.9 | 1.52 | 20.32 | 5.08 | 15.24 | 22.86 |
| MTC2525-VB13E | 2 x 50 | 2.3 | 0.45 | 39.4 | 41.9 | 1.27 | 20.32 | 5.08 | 15.24 | 22.86 |
| MTC2525-VB14E | 2 x 36 | 2.9 | 0.30 | 39.4 | 41.9 | 1.27 | 20.32 | 5.08 | 15.24 | 22.86 |
| MTC2525-VB15E | 2 x 7.3 | 9.3 | 0.032 | 41.9 | 41.9 | 1.09 | 20.32 | 5.08 | 15.24 | 22.86 |

Part Number Code

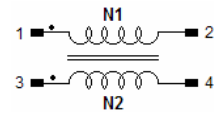
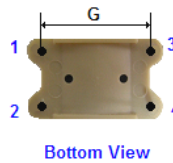
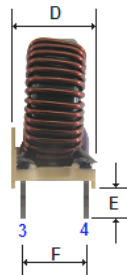
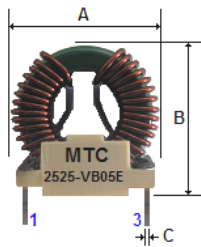
MTC 2525 — V B XX E
 1 2 3 4 5

1. Type
2. V: Vertical
3. B: Base
4. xx-Seires
5. E-Lead free process, RoHS compliant

Mechanical:

Schematic:

Appro.weight : 20.0g
 Dimensions : mm



Technical Data :

Dielectric strengthth : 1500Vrms
 Rate inductance at+25C and 1KHz 0.25mV



