



All materials are Meets UL requestment

Toroid core in ferrite material

Lower inductance loss

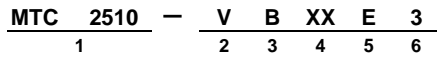
Single layer wound

Pb free and RoHS compliant add suffix code "-E".

MTC2510 Series *Rated current to cause approx. @ 35 °C , Temperature rise*

Part Number	Inductance (mH) @ 10KHz	current per winding (A)	DCR (mΩ) typ.	Dim. Max. A (mm)	Dim. Max. B (mm)
MTC2510-VB01E	2 x 100	0.5	1400	32.0	12.5
MTC2510-VB02E	2 x 27	1	600	29.0	9.6
MTC2510-VB03E	2 x 47	1	660	32.0	12.5
MTC2510-VB04E	2 x 22	1.5	250	32.0	12.5
MTC2510-VB05E	2 x 5.6	2	170	29.0	9.6
MTC2510-VB06E	2 x 6.8	2	120	32.0	12.5
MTC2510-VB07E	2 x 2.7	4	45	29.0	9.6
MTC2510-VB08E	2 x 3.3	4	40	32.0	12.5
MTC2510-VB09E	2 x 1.8	6	20	32.0	12.5
MTC2510-VB10E(3)	2 x 1.5	10	10	32.0	15.5
MTC2510-VB11E	2 x 0.68	16	4	34.0	15.5

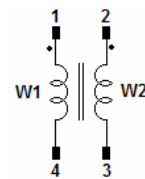
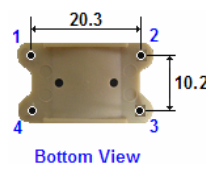
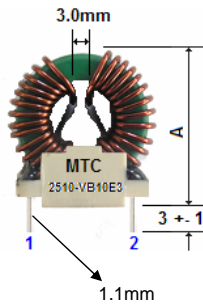
Part Number Code



1. Type
2. V: Vertical
3. B: Base
4. xx-Seires
5. E-Lead free process, RoHs compliant
6. 3 : pin -length 3mm +-0.1

Mechanical: **Schematic:**

Dimensions : mm



Technical Data :

Dielectric strengthh : 1500Vrms
 Rate inductance : at+25C and 10KHz 0.25V
 Appro.weight : 27.0g





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

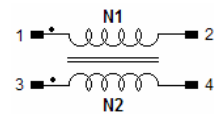
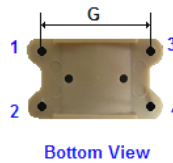
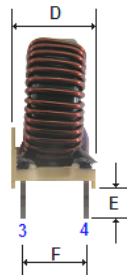
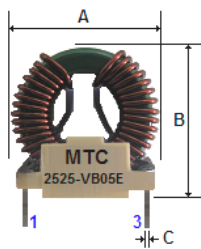
MTC 2525 — V B XX E
 1 2 3 4 5

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

Mechanical:

Schematic:

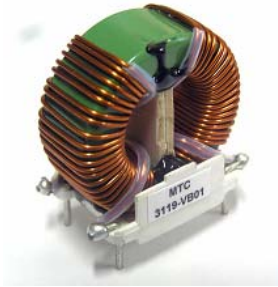
Appro.weight : 20.0g
 Dimensions : mm



Technical Data :

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





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Lower inductance loss

Pb free and RoHS compliant add suffix code "-E".

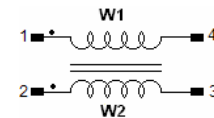
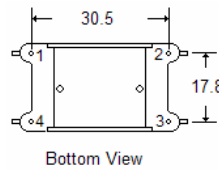
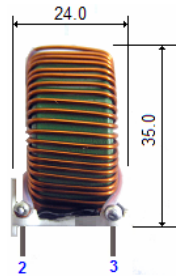
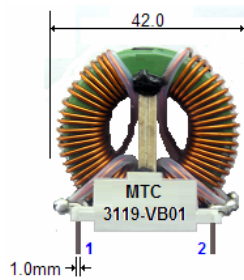
Customer designs available

Electrical Specification @ 25 °C, Operating Temperature -40°C to 125°C						
Part Number	Inductance	DCR (Each Winding) (mΩ / max)	Winding to winding Isolation	LK 1-4 (short 2-3) @ 10KHz 50mV	CP	Rated current
					@ 10KHz 50mV	
MTC3119-VB01-E	2 x 8.0mH	61.0	1250V	57.5uH max	17.6pF ref	4.0A

Mechanical:

Schematic:

Unit: mm



Part Number Code

MTC 3119 - VB 01 - E
 1 2 3 4

- 1. Coil Type
- 2. V: Vertical B : Base
- 3. 08: Series
- 4. E: Lead free, Rohs compliant

Technical Data :

Rate inductance at+25C and 10KHz 50mV
 Tolerance (+50-30%)
 DC resistance at+25°C

