



- All materials are Meets UL requestment.
- Pb free and RoHS compliant add suffix code " -E ".
- Custom designs available.
- Current Rating:up to 10A.
- Frequency Range:50KHz to 1MHz.

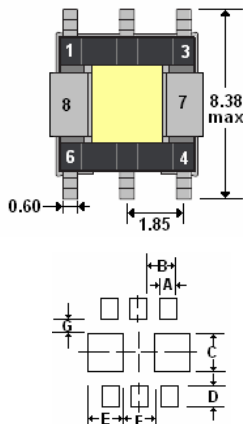
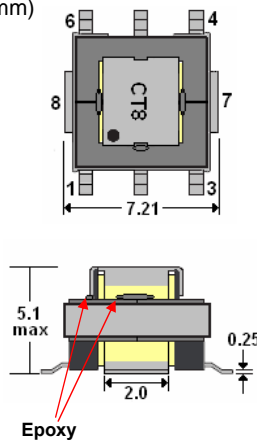
Electrical Specification @ 25 °C, Operating Temperature -40°C to 130°C

PART NUMBER	Sec(1-3) Inductance(mH MIN)	Current Rating (A)	Turns Ratio	DCR(mΩ MAX)		Pri to Sec Isolation	winding to Core Isolation
				Pri	Sec		
MTC115-CT1-E	0.125	10	1:25	6	600	600 Vac	800 Vac
MTC115-CT2-E	0.50	10	1:50	6	1500	600 Vac	800 Vac
MTC115-CT3-E	0.50	10	1:25:25	6	1500	600 Vac	800 Vac
MTC115-CT4-E	0.72	10	1:60	6	2250	600 Vac	800 Vac
MTC115-CT5-E	0.72	10	1:30:30	6	2250	600 Vac	800 Vac
MTC115-CT6-E	0.98	10	1:70	6	4750	600 Vac	800 Vac
MTC115-CT7-E	0.98	10	1:35:35	6	4750	600 Vac	800 Vac
MTC115-CT8-E	2.00	10	1:100	6	5500	600 Vac	800 Vac
MTC115-CT9-E	2.00	10	1:50:50	6	5500	600 Vac	800 Vac
MTC115-CT10-E	3.00	10	1:125	6	6500	600 Vac	800 Vac
MTC115-CT11-E	0.08	10	1:20	6	550	600 Vac	800 Vac
MTC115-CT12-E	0.18	10	1:30	6	870	600 Vac	800 Vac
MTC115-CT13-E	0.32	10	1:40	6	1140	600 Vac	800 Vac

Mechanical:

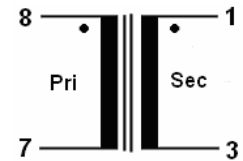
Schematic:

Unit: (mm)

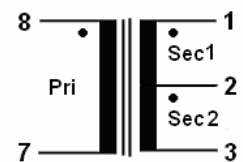


A: 1.27 B: 1.27 C: 3.05 D: 1.52 E: 2.54 F: 2.69 G: 1.27

1.CT1, CT2, CT4, CT6, CT8, CT10, CT11, CT12, CT13



2.CT3, CT5, CT7, CT9



Part Number Code

MTC 115 - CT 1 - E
 1 2 3 4

Code

1. Core Type : EE5.0
2. CT :Current Sense Transfi
3. 1: line production code
4. E: Lead free, Rohs compliant

Technical Data :

Rate inductance at+25C and 1.0KHz 0.25V
 DC resistance at+25°C
 Isolation test 5mA / 1 sec

