

MT-557 SERIES

SMD Transformers

MINNTRONIX

Wind Up the Best®

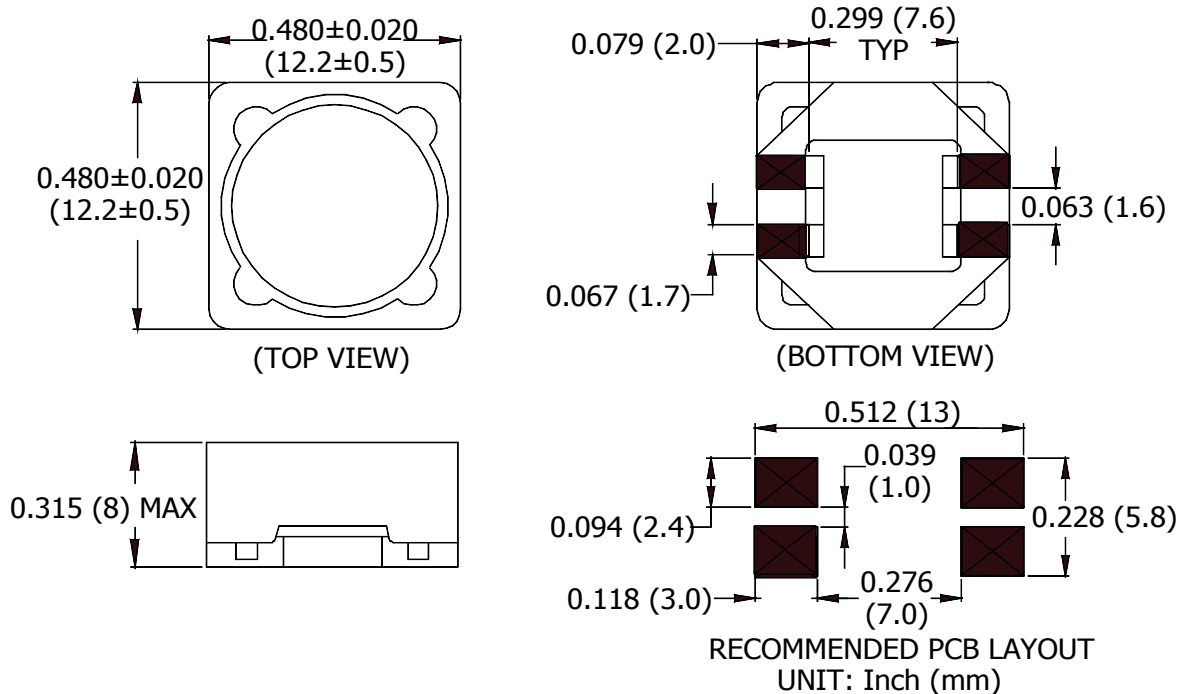


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- Low profile magnetically shielded transformer
- High current—up to 7Adc saturation current
- Ideal for DC-DC converter, PC, PDA, power supply applications
- Custom versions available
- Available in Tape & Reel packaging

Mechanical Dimensions:



Part Number	Inductance ¹ (μ H $\pm$ 30%)		DCR (m Ω max)		Turns Ratio (L1:L2)	Isat ² (Adc)
	L1	L2	L1	L2		
MT-557-7622	7.6	38	25	300	1:2.2	7.0
MT-557-1022	10	45	30	320	1:2.2	4.5
MT-557-1042	10	178	30	660	1:4.2	4.5

1. Inductance tested at 1kHz, 1Vrms, 0Adc

2. Inductance drop = 25% typ. at rated Isat

3. $\Delta T = 45^{\circ}\text{C}$ rise typ.

4. Operating temperature range -40°C to $+85^{\circ}\text{C}$

5. Electrical specifications at 25°C

Specifications subject to change. Custom versions of any Minntronix Products are available upon request.