

MT-536^{SERIES}

SMD Power Inductors

MINNTRONIX

Wind Up the Best®



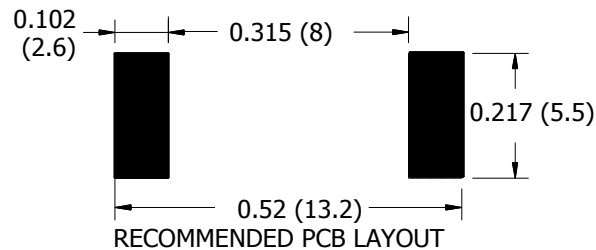
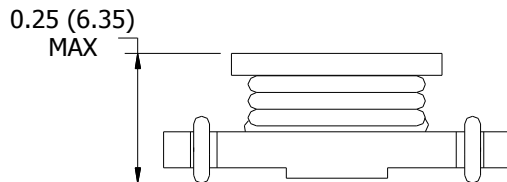
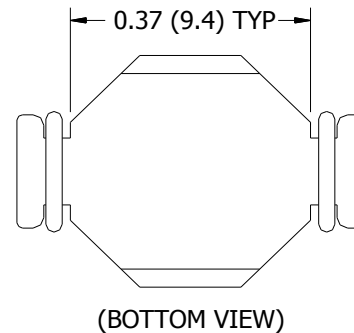
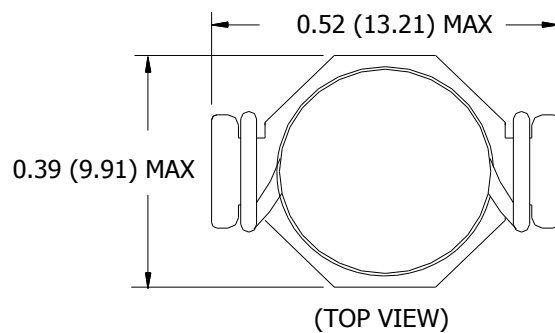
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MT-536
SERIES



- Low profile and small size - only 9.91x13.21x6.35 mm tall
- Very high current ratings - up to 16Arms, 20A_{dc} saturation current
- Very low DCR
- Flat top for automatic assembly
- Custom versions available
- Available in Tape & Reel packaging

Mechanical Dimensions:



UNIT: Inch (mm)

Part Number	Inductance ¹ (μH±20%)	DCR (mΩ max)	Isat ² (A _{dc})	I _{rms} ³ (A)
MT-536-R33	0.33	3	20.0	16.0
MT-536-R68	0.68	5	13.0	12.0
MT-536-1R0	1.0	6	11.0	10.0
MT-536-1R5	1.5	8	9.0	9.0
MT-536-2R2	2.2	11	7.8	7.4
MT-536-2R7	2.7	12	7.0	6.6
MT-536-3R3	3.3	14	6.4	5.9
MT-536-4R7	4.7	18	5.4	4.8

1. Inductance tested at 100kHz, 0.1V_{rms}, 0A_{dc}
2. Inductance drop = 10% typ. at rated Isat

3. ΔT = 40°C rise typ. at I_{rms}
4. Operating temperature range -40°C to +85°C
5. Electrical specifications at 25°C

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