

MT-537 SERIES

SMD Power Inductors

MINNTRONIX

Wind Up the Best®

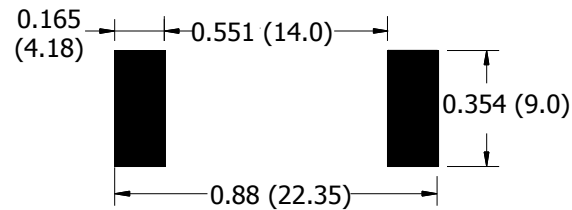
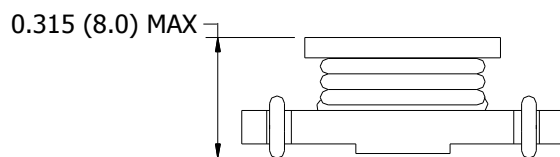
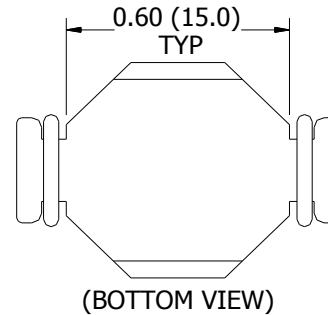
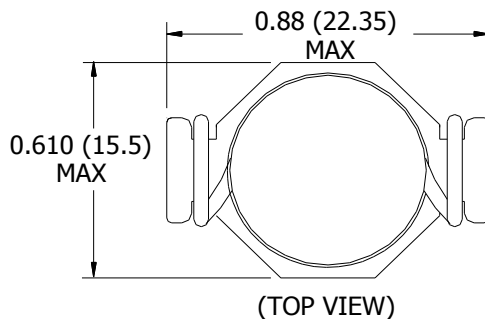


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- Very high current ratings - up to 15Arms, 30Adc saturation current
- Low profile and small size - only 15.5x22.35x8.0mm tall
- Very low DCR
- Flat top for automatic assembly
- Custom versions available
- Available in Tape & Reel packaging

Mechanical Dimensions:



RECOMMENDED PCB LAYOUT
UNIT: Inch (mm)

Part Number	Inductance ¹ ($\mu\text{H} \pm 20\%$)	DCR (m Ω max)	Isat ² (Adc)	Irms ³ (A)
MT-537-R78	0.78	2.6	30	15
MT-537-1R5	1.5	4.0	25	15
MT-537-2R2	2.2	6.1	20	12
MT-537-3R3	3.3	8.6	17	10
MT-537-3R9	3.9	10	15	9.0
MT-537-4R7	4.7	14	13	8.4
MT-537-6R0	6.0	17	12	7.5
MT-537-7R8	7.8	18	11	7.5
MT-537-100	10	26	10	6.0
MT-537-150	15	32	8	4.4

1. Inductance tested at 100kHz, 0.1Vrms, 0Adc

2. Inductance drop = 10% typ. at rated Isat

3. $\Delta T = 40^\circ\text{C}$ 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.