

MT-533^{SERIES}

SMD Power Inductors

MINNTRONIX

Wind Up the Best®

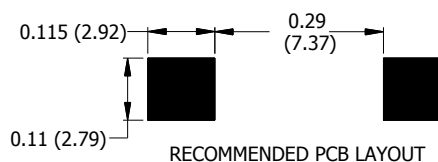
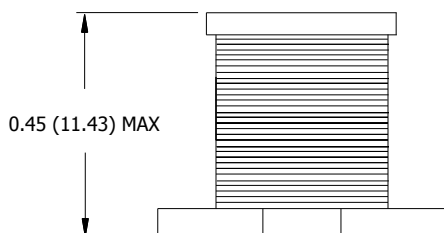
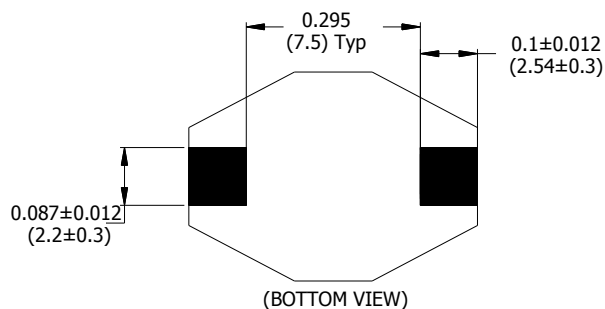
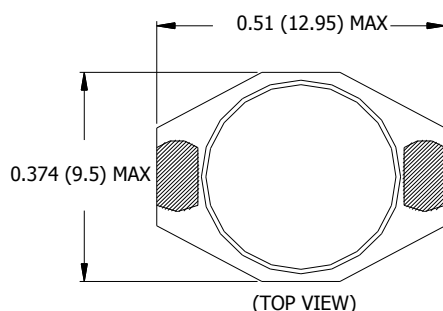


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- Up to 3.5 Arms with 8Adc saturation current
- Small footprint-only 9.5x12.95x11.43mm tall
- Flat top for automatic assembly
- Custom versions available
- Available in Tape & Reel packaging

Mechanical Dimensions:



UNIT : Inch (mm)

Part Number	Inductance ¹ ($\mu\text{H} \pm 20\%$)	DCR (Ω max)	Isat ² (Adc)	Irms ³ (A)
MT-533-100	10	0.040	8.0	3.5
MT-533-150	15	0.050	7.0	3.0
MT-533-220	22	0.066	5.5	2.5
MT-533-330	33	0.080	4.0	2.0
MT-533-470	47	0.110	3.8	1.6
MT-533-680	68	0.170	3.0	1.2
MT-533-101	100	0.220	2.5	1.2
MT-533-151	150	0.340	2.0	0.9
MT-533-221	220	0.440	1.6	0.7
MT-533-331	330	0.700	1.2	0.6
MT-533-471	470	0.950	1.0	0.3
MT-533-681	680	1.200	1.0	0.2
MT-533-102	1000	2.000	0.8	0.1

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. at Irms

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.