

MT-558^{SERIES}

SMD Power Inductors

MINNTRONIX

Wind Up the Best[®]

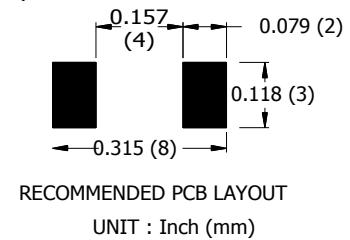
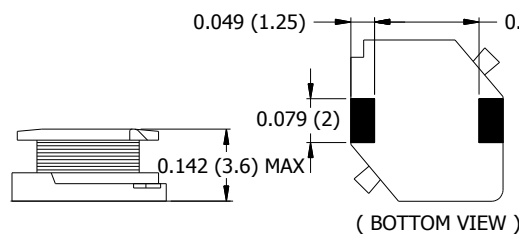
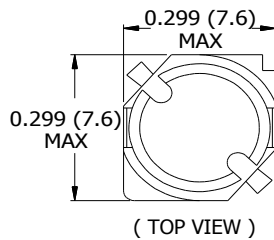


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- High current - up to 3.6Adc saturation current
- Very low DCR and high-energy storage
- Low Profile
- Custom versions available
- Available in Tape & Reel packaging

Mechanical Dimensions:



Part Number	Inductance ¹ (mH±20%)	DCR (Ω max)	Isat ² (Adc)
MT-558-1R0	1.0	0.022	3.60
MT-558-1R5	1.5	0.026	3.40
MT-558-2R2	2.2	0.032	2.68
MT-558-3R3	3.3	0.041	2.40
MT-558-4R7	4.7	0.049	2.26
MT-558-6R8	6.8	0.067	1.66
MT-558-100	10	0.085	1.37
MT-558-120	12	0.100	1.12
MT-558-150	15	0.130	1.08
MT-558-180	18	0.160	1.04
MT-558-220	22	0.180	0.80
MT-558-270	27	0.240	0.77
MT-558-330	33	0.290	0.71
MT-558-390	39	0.340	0.62
MT-558-470	47	0.410	0.56
MT-558-560	56	0.480	0.54
MT-558-680	68	0.600	0.50
MT-558-820	82	0.710	0.43
MT-558-101	100	0.950	0.39

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

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

3. ΔT = 45°C rise typ.

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.