

ET-570 SERIES



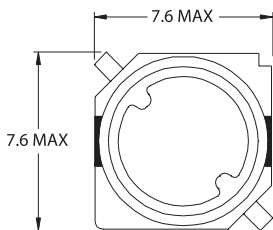
SMD Power Inductors

ET-570 SERIES

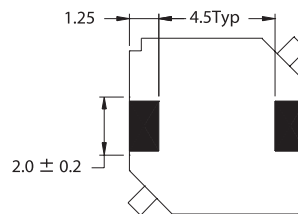
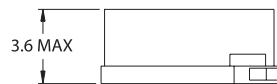


- Magnetically shielded
- High current—up to 3.12 Adc saturation current
- Very low DCR
- Low cost for general purposes application
- Custom versions available upon request
- Tape & Reel package

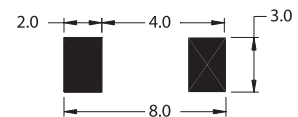
Mechanical Dimensions:



(TOP VIEW)



(BOTTOM VIEW)



RECOMMENDED PCB LAYOUT

UNIT:mm

Part Number	Inductance ¹ (μ H \pm 20%)	DCR (Ω max.)	Isat ² (Adc)
ET - 570 - 1R0	1.0	0.019	3.12
ET - 570 - 1R5	1.5	0.023	2.85
ET - 570 - 2R2	2.2	0.028	2.66
ET - 570 - 3R3	3.3	0.035	2.26
ET - 570 - 4R7	4.7	0.043	1.96
ET - 570 - 6R8	6.8	0.055	1.76
ET - 570 - 100	10	0.080	1.34
ET - 570 - 120	12	0.090	1.23
ET - 570 - 150	15	0.120	1.09
ET - 570 - 180	18	0.130	0.99
ET - 570 - 220	22	0.150	0.90
ET - 570 - 270	27	0.210	0.81
ET - 570 - 330	33	0.250	0.72
ET - 570 - 390	39	0.310	0.67
ET - 570 - 470	47	0.350	0.60
ET - 570 - 560	56	0.430	0.55
ET - 570 - 680	68	0.520	0.50
ET - 570 - 820	82	0.600	0.46
ET - 570 - 101	100	0.790	0.41

1. Inductance tested at 100kHz, 0.1Vrms, 0Adc.
 2. Inductance drop = 10% typ. at rated Isat.
 3. Δ T = 45°C rise typ.
 4. Operating temperature range -40°C to + 85°C.
 5. Electrical specifications at 25°C.