

ET-573 SERIES

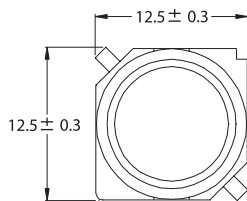


SMD Power Inductors

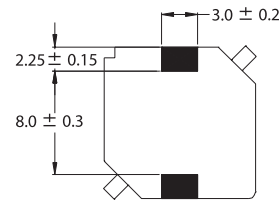
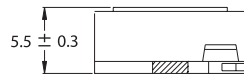


- Magnetically shielded
- High current—up to 4.4 Adc saturation current
- Very low DCR
- Low cost for general purposes application
- Custom versions available upon request
- Tape & Reel package

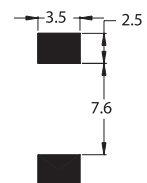
Mechanical Dimensions:



(TOP VIEW)



(BOTTOM VIEW)



RECOMMENDED PCB LAYOUT

UNIT:mm

Part Number	Inductance ¹ (μ H \pm 20%)	DCR (Ω max.)	Isat ² (Adc)
ET - 573 - 100	10	0.022	4.4
ET - 573 - 120	12	0.027	4.2
ET - 573 - 150	15	0.034	4.0
ET - 573 - 180	18	0.038	3.5
ET - 573 - 220	22	0.044	3.2
ET - 573 - 270	27	0.048	2.9
ET - 573 - 330	33	0.059	2.5
ET - 573 - 390	39	0.078	2.1
ET - 573 - 470	47	0.084	2.0
ET - 573 - 560	56	0.100	1.9
ET - 573 - 680	68	0.113	1.8
ET - 573 - 820	82	0.137	1.5
ET - 573 - 101	100	0.152	1.5
ET - 573 - 121	120	0.197	1.3
ET - 573 - 151	150	0.239	1.3
ET - 573 - 181	180	0.302	1.1
ET - 573 - 221	220	0.341	1.1
ET - 573 - 271	270	0.428	0.98
ET - 573 - 331	330	0.510	0.86
ET - 573 - 391	390	0.587	0.83
ET - 573 - 471	470	0.765	0.70
ET - 573 - 561	560	0.872	0.70
ET - 573 - 681	680	1.162	0.62
ET - 573 - 821	820	1.313	0.57
ET - 573 - 102	1000	1.586	0.46

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.