

# ET-574 SERIES



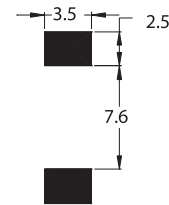
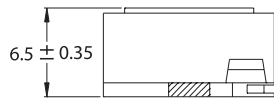
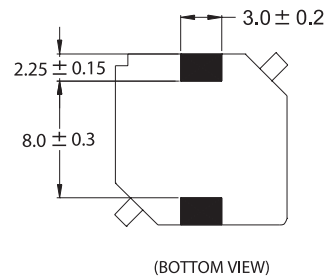
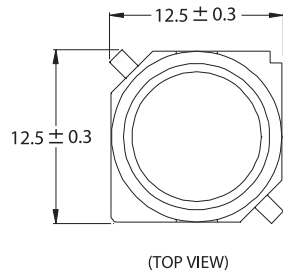
## SMD Power Inductors

ET-574 SERIES



- Magnetically shielded
- High current—up to 6.2 Adc saturation current
- Very low DCR
- Low cost for general purposes application
- Custom versions available upon request
- Tape & Reel package

### Mechanical Dimensions:



RECOMMENDED PCB LAYOUT

UNIT:mm

Part Number	Inductance <sup>1</sup> (μH)	DCR (mΩ max.)	Isat <sup>2</sup> (Adc)
ET - 574 - 2R0	2	14.0	6.2
ET - 574 - 4R2	4.2	18.0	5.5
ET - 574 - 7R0	7	21.0	5.0
ET - 574 - 100	10	24.0	4.8
ET - 574 - 150	15	39.0	4.2
ET - 574 - 220	22	49.0	3.5
ET - 574 - 330	33	72.0	2.8
ET - 574 - 470	47	104.0	2.4
ET - 574 - 680	68	145.0	2.0
ET - 574 - 101	100	215.0	1.6
ET - 574 - 221	220	495.0	1.0

1. Inductance tested at 100kHz, 0.1Vrms, 0Adc.  
Tolerance 2.0 μH~7.0 μH ±30% 10.0 μH~220.0 μH ±20%

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.