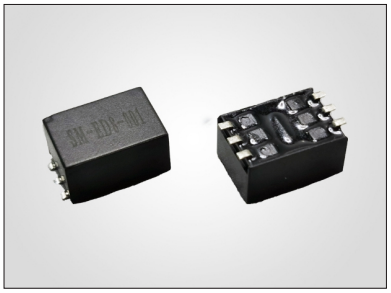
Surface Mount Line Maching Transformers- SM-ED8-001

Meisongbei



Features

- Vacuum encapsulated
- 7.5mm seated height
- SMD Package: 500PCS/Reel

Applications

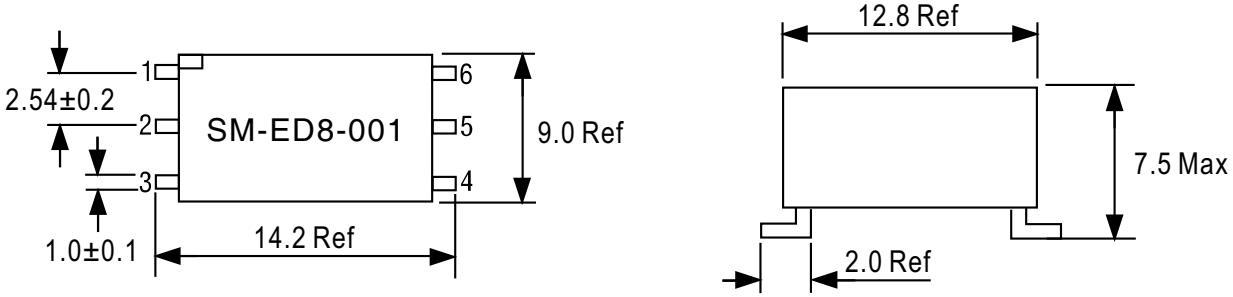
- Modems, Laptop Computers
- Telecommunications
- Instrumentation

General Specifications

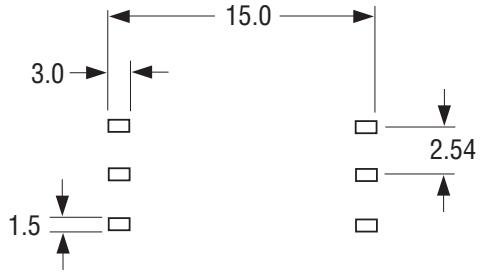
- Storage temp range: -40°C to +85°C
- Operating temp range: -20°C to +85°C

RoHS COMPLIANT | REACH COMPLIANT | Halogen Free

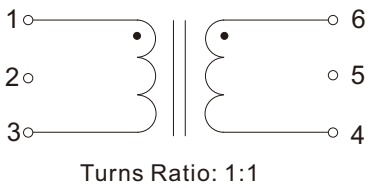
Shape and Dimensions (Unit:mm)



Suggested PCB Layout



Schematic



Turns Ratio: 1:1

Electrical Specifications @ 25°C

1. Nominal Impedance: 600Ω
2. DCR: Pin 1-3=115Ω ±15%
   Pin 4-6=115Ω ±15%
3. Shunt Inductance: 3.8H Min @200Hz 0.78V
   Shunt loss: 7500Ω Min
4. Leakage Inductance: Pin1-3(4-6short)=6mH Typ @1KHz,0.1V
5. Insertion Loss: Pin1-3(4-6W/H 412Ω)=2dB Max @2KHz
6. Return loss: 24dB Min. 200Hz-4kHz
7. Frequency Response: ±0.25dB 200Hz-4KHz
8. Insulation Resistance 100mΩ Min@200VDC
9. Hi-pot: 2000Vrms 60SEC: P-S