**Specification**

**Item Number:** TEC1-12712

**Device Outline:** See picture below

**Wire Criteria:**
1. 1.8 AWG UL, PVC insulated
2. Standard 105°C tinned copper wire
3. General length: 180±5mm
4. Length of tinning without outer sphere on the end of wire: 5±1.0mm

**Resistance (ohms):** Environment Temperature 20°C, 1KHZ, 0.95-1.05 (ohms)

**Packing:** Foam box

**Printing:** See picture below

**Other Requirement:**
1. Working Temperature: -55°C to +80°C
3. P/N Couples: 127
4. I_max: 12A (15.4VDC)
5. V_max: 15.4VDC
6. Q_max: 120W (15.4VDC)
7. Resistance range: AC-R 0.95-1.05 Ω (Surrounding Temperature 20°C, 1KHZ)
8. ΔT_max ≤ 66°C
9. Wire should be soldered on the hot side
10. 1.8 AWG UL, PVC insulated, Standard 105°C tinned copper wire