



## Specification

Item Number:	TEC1-06312
Device Outline	See picture below
Heat-shrink tube on the end of wire	Not available
Wire Criteria	1.20AWG UL, PVC insulated 2.Standard 105°C tinned copper wire 3.General length: 151±5mm 4.Length of tinning without outer sphere on the end of wire: 5±1.0mm
Resistance (ohms)	Environment Temperature 20°C, 1KHZ,0.45-0.55 (ohms)
Packing	Foam box, 50pcs in each box
Printing	See picture below

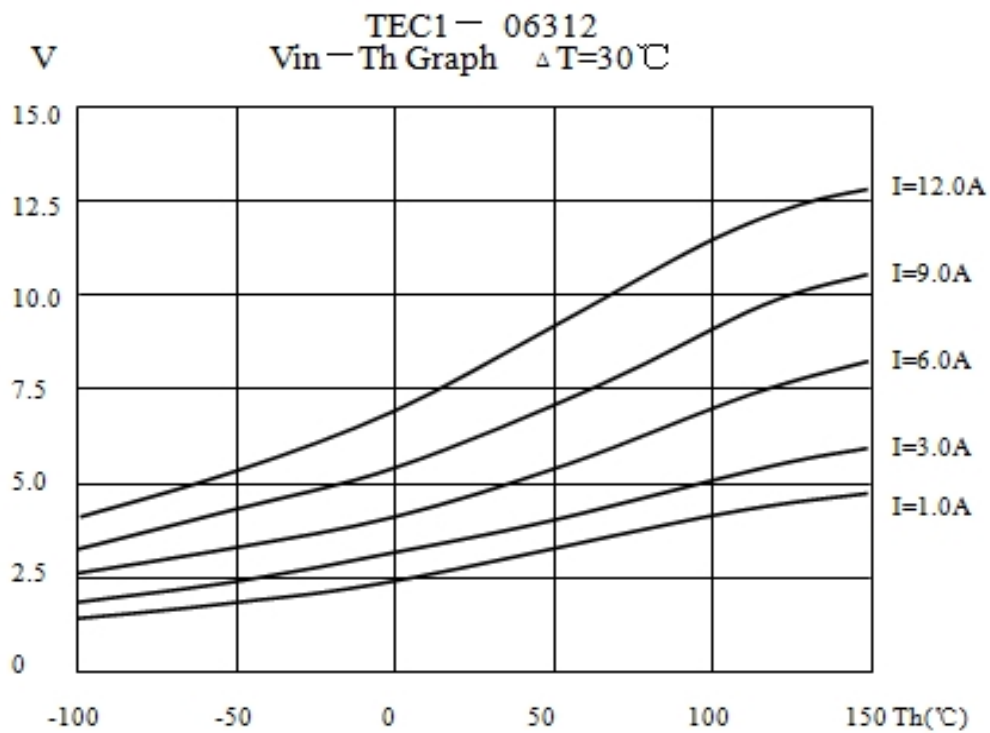
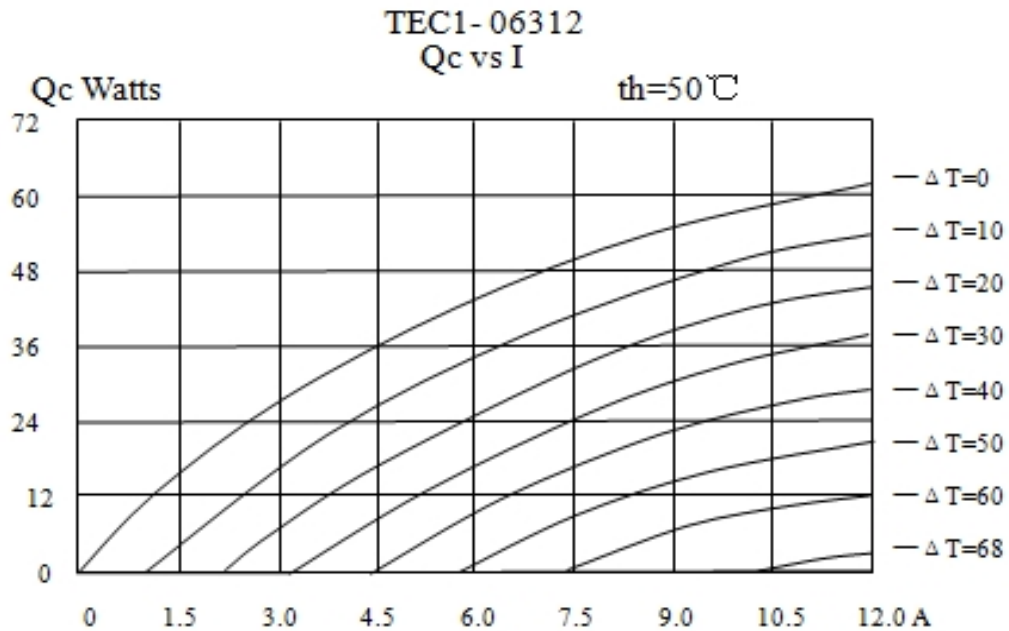
The drawing shows a rectangular component with a width of  $20.0 \pm 0.25$  mm and a length of  $40.0 \pm 0.25$  mm. Two wires are attached to the right side: a Black Wire (-) and a Red Wire (+). The total length of the wires is  $151 \pm 5$  mm. Below the main drawing, a detail shows the wire attachment point with a width of  $3.1 \pm 0.1$  mm and two  $0.05$  mm wide slots.

**Other Requirement:**

- 1.Working Temperature:-55°C to + 80°C
- 2.Assembled overwhelm force:80lb/Sq.In.
- 3.P/N Couples:127 couples
- 4.Imax:9.5±0.5A(6VCD)
- 5.Vmax:7.5VDC
- 6.Qcmax:55W (7.5VDC)
- 7.Resistance range:AC-R 0.45-0.55 Ω (Surrounding Temperature 20°C 1KHZ)
8. Δ Tmax: ≥63°C
- 9.Wire should be soldered on the hot side
- 10.20AWG UL, PVC insulated, Standard 105°C tinned copper wire



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I-Vin Graph Th=50°C

