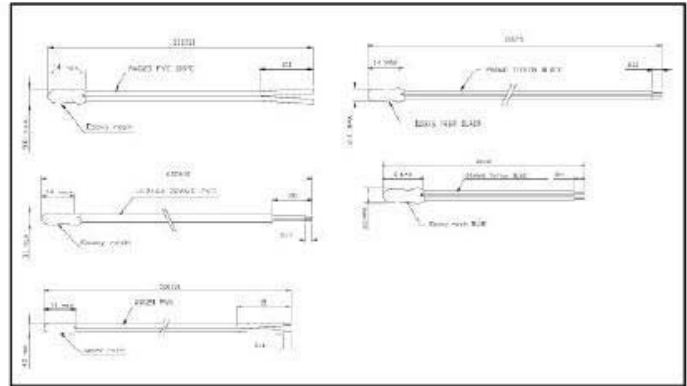




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TA Thermistors

TA-4 Series



FEATURES:

- Low cost, high stability
- Excellent thermal cycle endurance
- No adjust between the control circuit and the sensor
- RoHS Compliance
- UL1434 Certification

The TA-4 thermistor is a high-precision thermal sensing device. TA-4 thermistor is similar to HAT thermistor and but is different with flexible lead-wires.

SPECIFICATIONS

| | | | |
|---|--|---|---|
| Temperature ranges | -30°C to 90°C | B value: | 3100K - 4665K |
| R₂₅ : | | Determined by rated zero-power resistance at 25 °C and 85 °C | |
| Rated Zero-power resistance value at 25 °C | 1,000 ohms 2,000 ohms 5,000 ohms 10,000 ohms 20,000 ohms 47,000 ohms 50,000 ohms 100,000 ohms | R/T curve | TA-4 series thermistors are available in all R/T curve. Detailed curve material information on pages 24-26. |
| Tolerances | ±1%, ±3%, ±5% | Tolerances | ±1% |
| | | Dissipation constant | 2-4 mW/ °C |
| | | Thermal time constant | Typically 5 seconds in air |
| | | Maximum power rating | 10-20 mW (at 25 °C) |

Ordering Map

1 0 3 TA-4 - [] [] [] [] - [] [] [] [] - [] [] [] [] - [] [] [] []

| | | | | | | |
|--------------------------|------------------|------------|------------------|-----------|-------------------------------|-----------------|
| ① | ② | ③ | ④ | ⑤ | ⑥ | ⑦ |
| Resistance value at 25°C | Type | Lead gauge | Lengths | B value | Resistance tolerance | Special Spec |
| 10 × 10 ³ Ω | Epoxy thermistor | AWG Number | Exp: 400 : 400mm | 25°C/85°C | 1P: ±1% 3P: ±3% 5P: ±5% | Controlling NO. |