

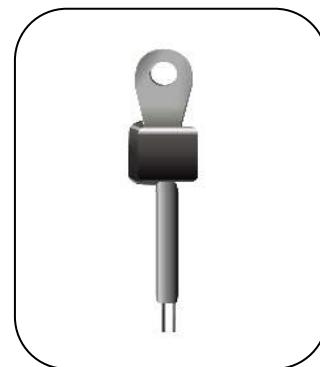
NTC Thermistor Sensor: NTSA Series

Screw-On Type



Feature

1. Fast and simple screw-on installation
2. RoHS compliant
3. Customizable design (cable lengths, R/T characteristic and connector) is available
4. Agency recognition:
 UL /cUL file no: E138827
 VDE file no: 40025693 (partial parts)
 TUV file no: R50236283

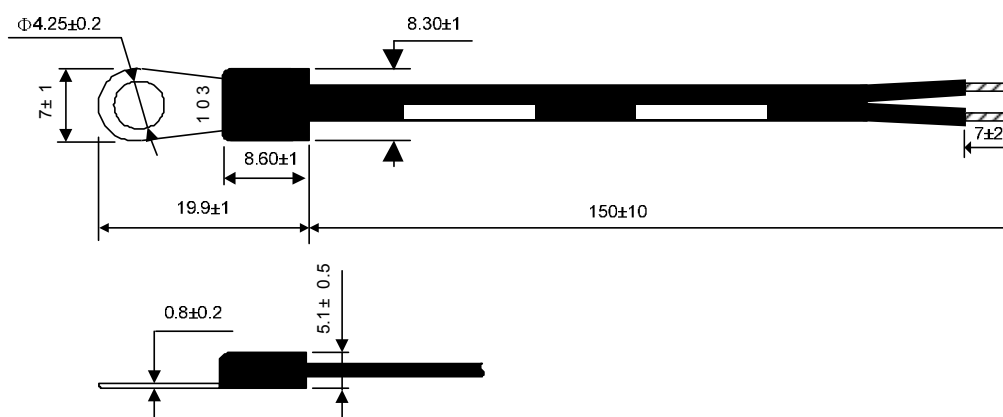


Recommended Applications

1. Power supply
2. UPS
3. Electronic devices

Structure and Dimensions

Type1: M4 terminal



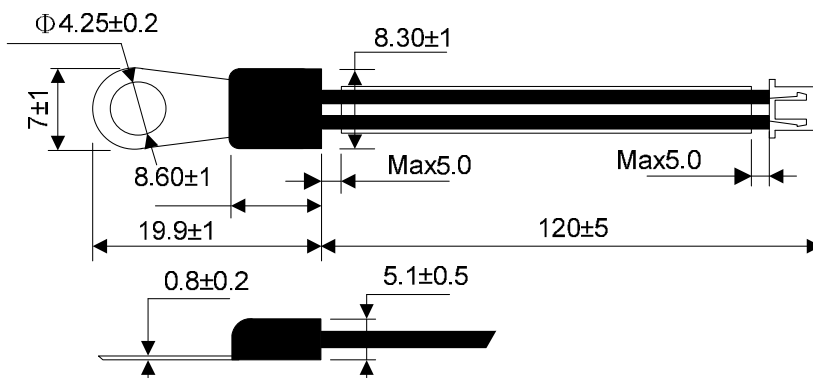
| Lead Material | Lead Length | Zero Power Resistance at 25°C (R ₂₅) | B25/50 | Thermal Time Constant | Power Rating at 25°C | Operation Temp. Range |
|------------------------------|-------------|--|--------|--------------------------------|----------------------|-----------------------|
| | (mm) | (KΩ) | (K) | (sec) | (mw) | (°C) |
| UL4413 #26x2C TS Black | 150 ± 10 | 10 | 4050 | Approx. 30 (on metal plate) | 150 | -40~125 |

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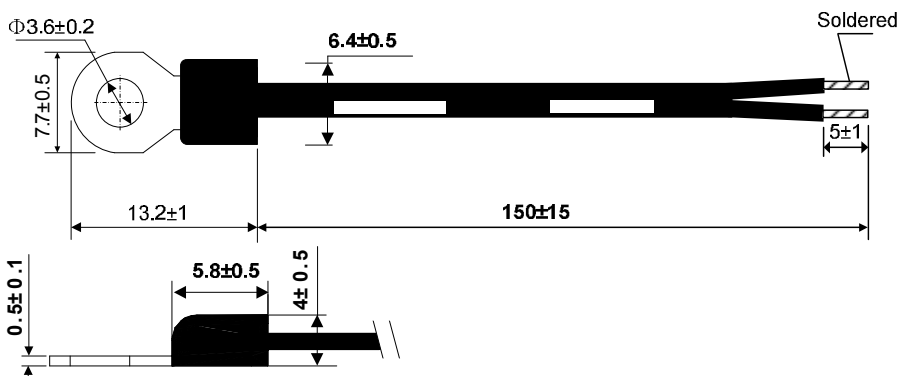
Type 2: M4 terminal + connector



Connector pitch is 2.5mm.

| Lead Material | Lead Length | Zero Power Resistance at 25°C (R ₂₅) | B25/50 | Thermal Time Constant | Power Rating at 25°C | Operation Temp. Range |
|----------------------------|-------------|--|--------|--------------------------------|----------------------|-----------------------|
| | (mm) | (KΩ) | (K) | (sec) | (mw) | (°C) |
| UL1332 # 28 TS Black | 120±5 | 10 | 3975 | Approx. 20 (on metal plate) | 240 | -20~+150 |

Type 3: M3 terminal



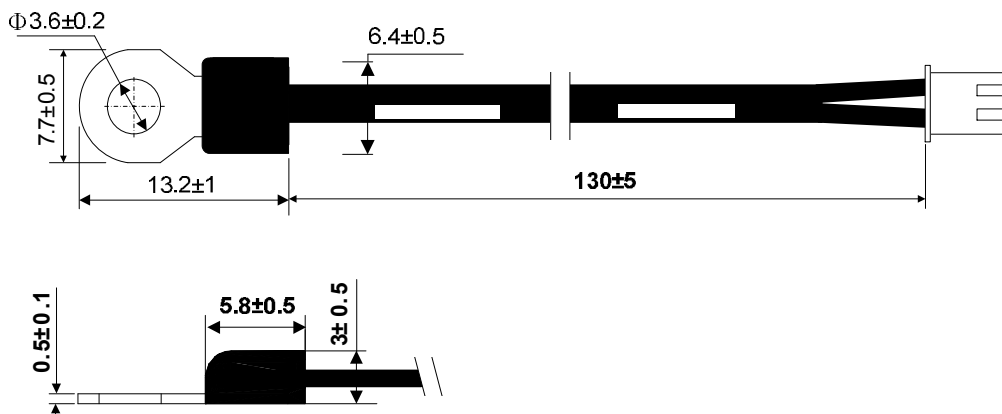
| Lead Material | Lead Length | Zero Power Resistance at 25°C (R ₂₅) | B25/50 | Thermal Time Constant | Power Rating at 25°C | Operation Temp. Range |
|------------------------------|-------------|--|--------|--------------------------------|----------------------|-----------------------|
| | (mm) | (KΩ) | (K) | (sec) | (mw) | (°C) |
| UL4413 #26x2C TS Black | 150±15 | 100 | 4400 | Approx. 30 (on metal plate) | 150 | -20~+125 |

NTC Thermistor Sensor: NTSA Series

Screw-On Type



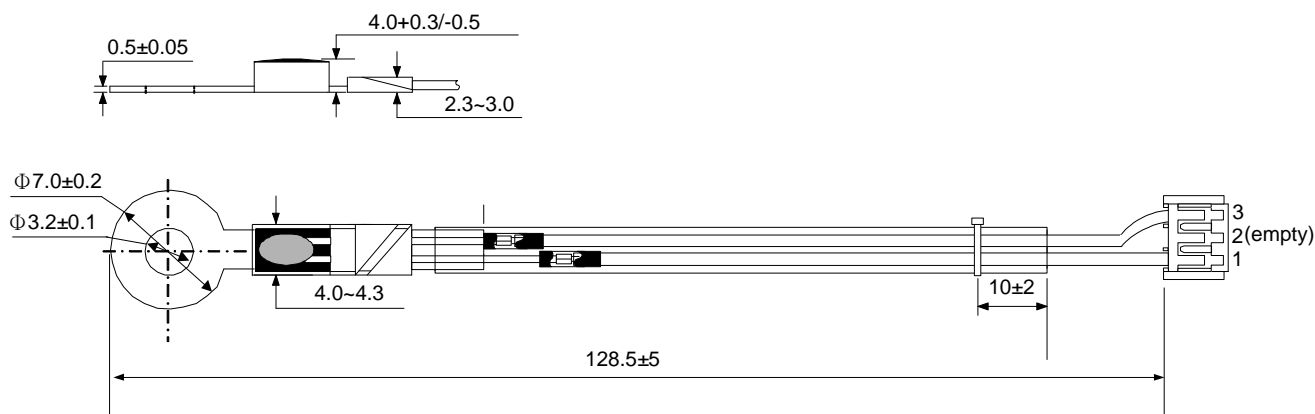
Type 4: M3 terminal + connector



Connector pitch is 2.5mm

| Lead Material | Lead Length | Zero Power Resistance at 25°C (R ₂₅) | B25/50 | Thermal Time Constant | Power Rating at 25°C | Operation Temp. Range |
|------------------------------|-------------|--|--------|--------------------------------|----------------------|-----------------------|
| | (mm) | (KΩ) | (K) | (sec) | (mw) | (°C) |
| UL2651 #28x2C TS Black | 130±5 | 100 | 4050 | Approx. 30 (on metal plate) | 210 | -20~+105 |

Type 5: High temp.



| Lead Material | Lead Length | Zero Power Resistance at 25°C (R ₂₅) | B25/50 | Thermal Time Constant | Power Rating at 25°C | Operation Temp. Range |
|---|-------------|--|--------|-------------------------------------|----------------------|-----------------------|
| | (mm) | (KΩ) | (K) | (sec) | (mw) | (°C) |
| AWG 22 White (Glass Braid Reinforced Silicone Rubber) | 128.5±5 | 3.3 | 3970 | Approx. 6 (on 100°C metal plate) | 70 | -20~+150 |