

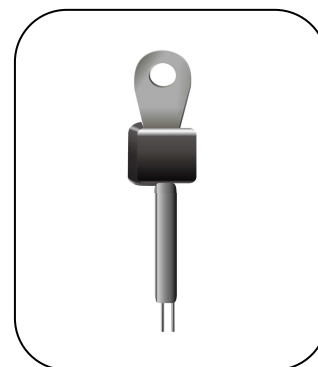
# NTC Thermistor Sensor: NTSA Series



## 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)

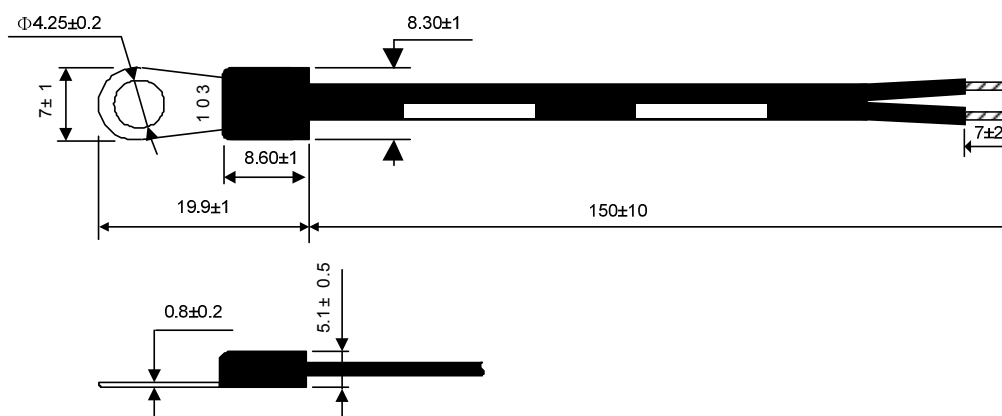


### ■ Recommended Applications

1. Power supply
2. UPS
3. Electronic devices

### ■ Structure and Dimensions

#### Type1: M4 terminal



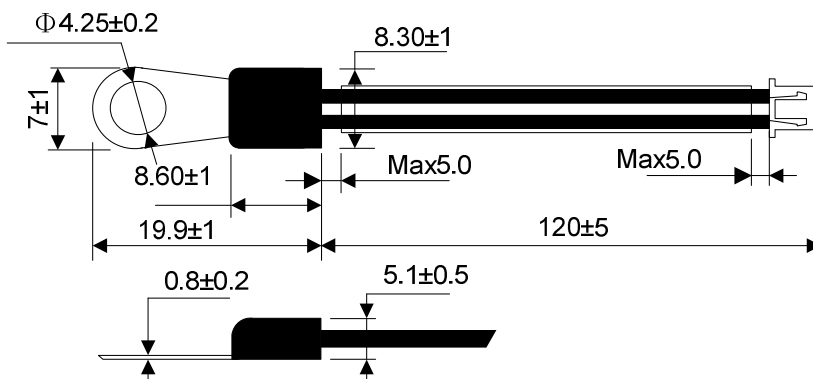
Lead Material	Lead Length	Zero Power Resistance at 25°C (R <sub>25</sub> )	B25/50	Thermal Time Constant	Power Rating at 25°C	Operation Temp. Range
	(mm)	(KΩ)	(K)	(sec)	(mw)	(°C)
UL4413 #26x2C TS Black	150 ± 10	10	4050	Approx. 30 (on metal plate)	150	-40~125

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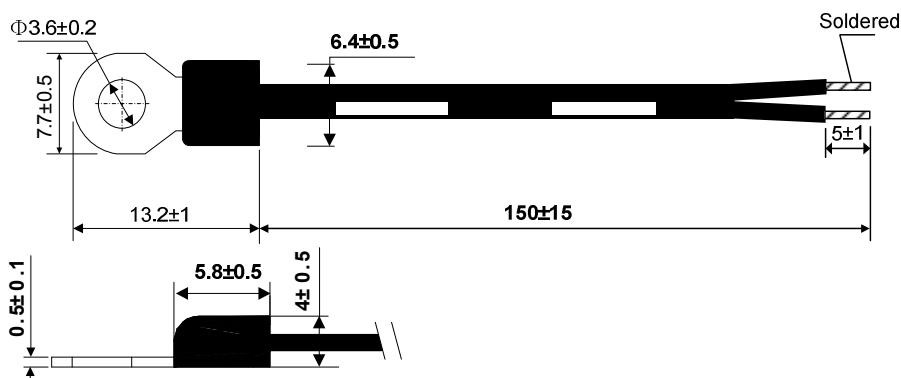
### Type 2: M4 terminal + connector



Connector pitch is 2.5mm.

Lead Material	Lead Length	Zero Power Resistance at 25°C (R <sub>25</sub> )	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



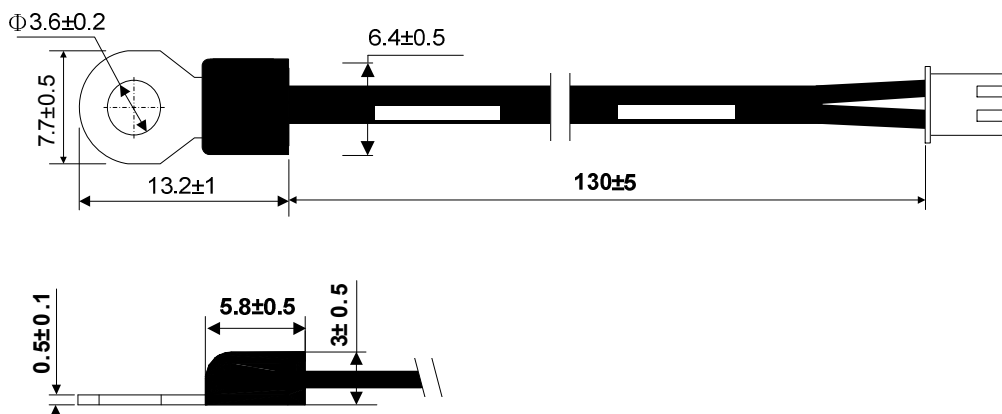
Lead Material	Lead Length	Zero Power Resistance at 25°C (R <sub>25</sub> )	B25/50	Thermal Time Constant	Power Rating at 25°C	Operation Temp. Range
	(mm)	(KΩ)	(K)	(sec)	(mw)	(°C)
UL4413 #26x2C TS Black	150 ± 15	100	4400	Approx. 30 (on metal plate)	150	-20~+125

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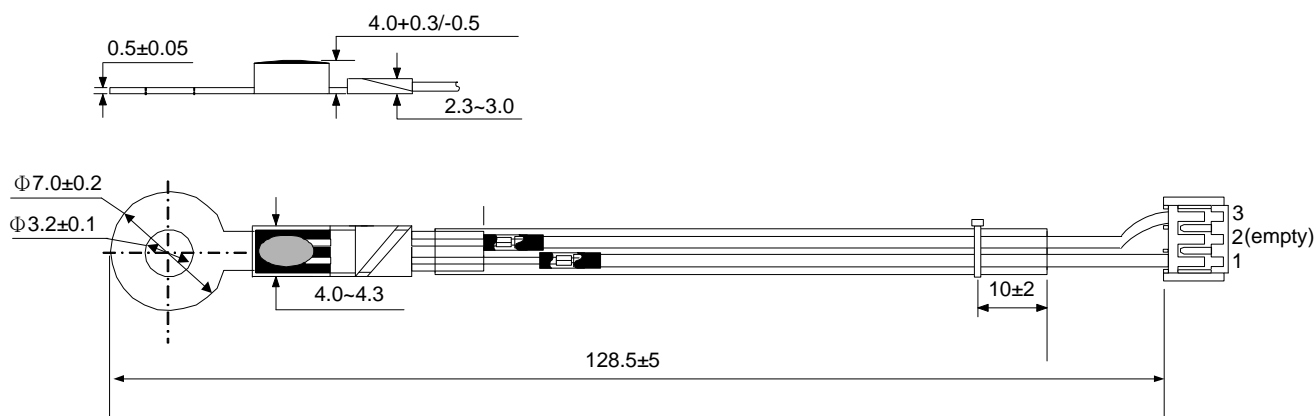
### Type 4: M3 terminal + connector



Connector pitch is 2.5mm

Lead Material	Lead Length	Zero Power Resistance at 25°C (R <sub>25</sub> )	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 <sub>25</sub> )	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