

prosense® Thermocouple, RTD, and Thermistor Connectors

Overview

- Glass-filled high quality thermoplastic body with original thermocouple material pins and spring-loaded inserts
- Polarized pins
- Molded barriers prevent short circuit
- Captive central cover screw for easy assembly
- Easy wire connection pressure plate
- construction
- Stainless steel screws with combination head (Slotted and Phillips)
- 3-pin standard connectors have a third pin for ground or continuous shield, or for 3-wire RTDs

Thermocouple, RTD, and Thermistor Connectors									
Part Number	Pcs/ Pkg	Wt(lb)	Price	Sensor Type	Connector Type	Temperature Rating	Body Color	Wire Size	Wire Cable Clamp Bracket
<u>THMJ-SP</u>	1	0.5	\$4.50	J	Standard round pin plug	Max continuous 400°F (200°C)	Black	32 AWG (0.2 mm) to 14 AWG maximum (2.0 mm)	WCB-S
<u>THMJ-SJ</u>	1	0.5	\$5.75		Standard round pin jack				—
<u>THMJ-SPJ</u>	1	0.5	\$11.00		Standard round direct mount jack				—
<u>THMJ-MP</u>	1	0.5	\$3.75		Miniature flat pin plug			40 AWG (0.08 mm) to 20 AWG maximum (0.8 mm)	WCB-M
<u>THMJ-MJ</u>	1	0.5	\$4.25		Miniature flat pin jack				—
<u>THMJ-MPJ</u>	1	0.5	\$8.25		Miniature round direct mount jack				—
<u>THMK-SP</u>	1	0.5	\$4.50	K	Standard round pin plug		Yellow	32 AWG (0.2 mm) to 14 AWG maximum (2.0 mm)	WCB-S
<u>THMK-SJ</u>	1	0.5	\$5.50		Standard round pin jack				—
<u>THMK-SPJ</u>	1	0.5	\$10.50		Standard round direct mount jack				—
<u>THMK-MP</u>	1	0.5	\$4.00		Miniature flat pin plug			40 AWG (0.08 mm) to 20 AWG maximum (0.8 mm)	WCB-M
<u>THMK-MJ</u>	1	0.5	\$4.25		Miniature flat pin jack				—
<u>THMK-MPJ</u>	1	0.5	\$9.00		Miniature round direct mount jack				—
<u>THMK-HSP</u>	1	0.5	\$14.00		Standard hi-temp round pin plug	Max continuous 662°F (350°C)	Brown	32 AWG (0.2 mm) to 14 AWG maximum (2.0 mm)	WCB-S
<u>THMK-HSJ</u>	1	0.5	\$16.50		Standard hi-temp round pin jack				
<u>THMT-SP</u>	1	0.5	\$4.75	T	Standard round pin plug	Max continuous 400°F (200°C)	Blue	32 AWG (0.2 mm) to 14 AWG maximum (2.0 mm)	—
<u>THMT-SJ</u>	1	0.5	\$6.25		Standard round pin jack				
<u>THMT-SPJ</u>	1	0.5	\$10.50		Standard round direct mount jack				
<u>THMT-MP</u>	1	0.5	\$4.00		Miniature flat pin plug			40 AWG (0.08 mm) to 20 AWG maximum (0.8 mm)	WCB-M
<u>THMT-MJ</u>	1	0.5	\$4.50		Miniature flat pin jack				
<u>THMT-MPJ</u>	1	0.5	\$9.75		Miniature round direct mount jack				
<u>RTD-SP</u>	1	0.5	\$9.25	RTD	Standard round pin plug		White	32 AWG (0.2 mm) to 14 AWG maximum (2.0 mm)	WCB-S
<u>RTD-SJ</u>	1	0.5	\$12.00		Standard round pin jack				
<u>NTC-SJ</u>	1	0.5	\$6.75	Thermistor	Standard round pin jack				

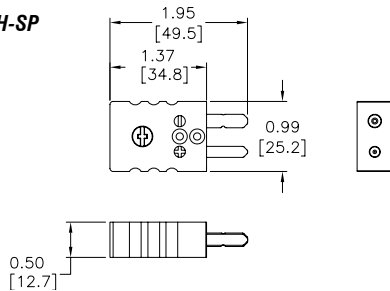
[THMT-SP](#)[THMT-SJ](#)[THMK-SP](#)[THMK-SJ](#)[THMK-MP](#)[THMJ-MJ](#)[THMT-SPJ](#)[THMT-MPJ](#)[RTD-SP](#)[RTD-SJ](#)[THMK-HSP](#)[THMK-HSJ](#)[NTC-SJ](#)

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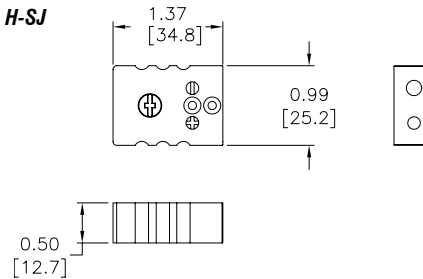
Dimensions

inches [mm]

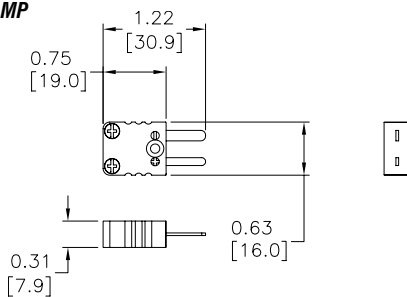
THMJ, K, T, & H-SP



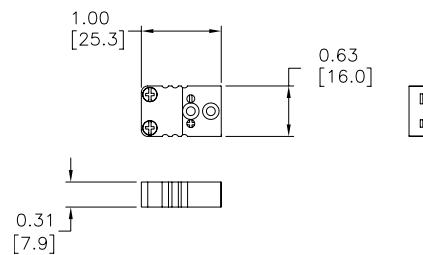
THMJ, K, T, & H-SJ



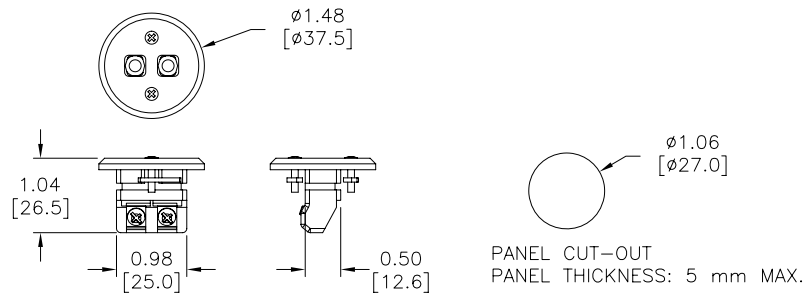
THMJ, K, & T-MP



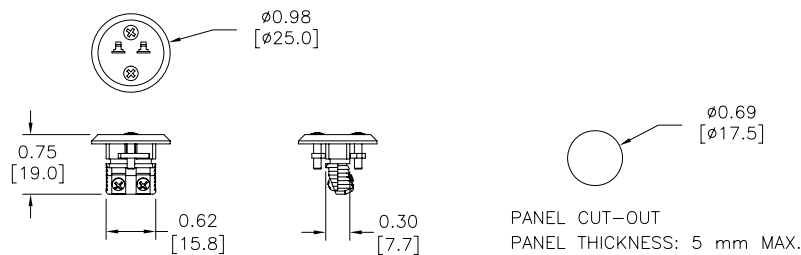
THMJ, K, & T-MJ



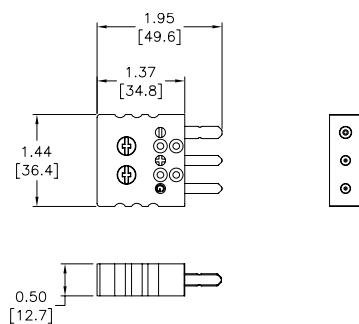
THMJ, K, & T-SPJ



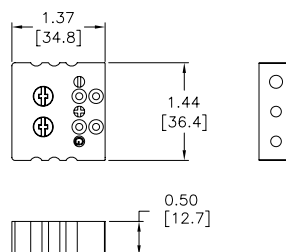
THMJ, K, & T-MPJ



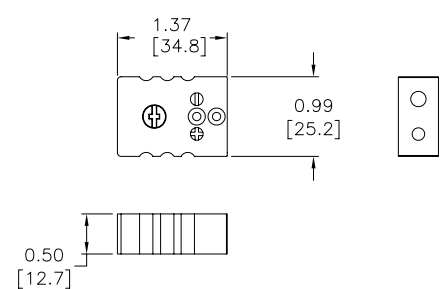
RTD-SP



RTD-SJ



NTC-SJ





Thermocouple and RTD Connectors

WCB-S



WCB-M



WCB-S Application



WCB-M Application

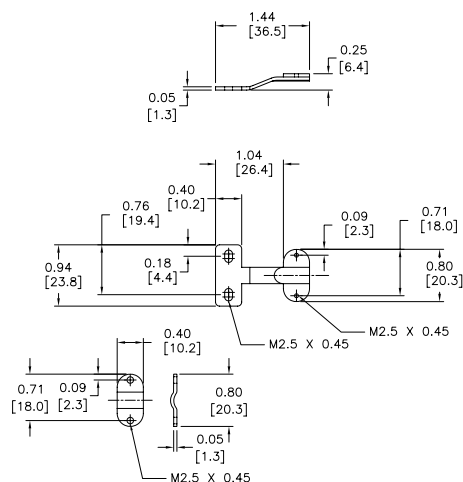


Thermocouple and RTD Connectors Accessories				
Part Number	Pcs/ Pkg	Wt(lb)	Price	Description
WCB-S	10	0.5	\$12.00	Wire / cable clamp bracket for use with standard thermocouple and RTD connectors.
WCB-M	10	0.5	\$12.00	Wire / cable clamp bracket for use with miniature thermocouple connectors.

Dimensions

inches [mm]

WCB-S



WCB-M

