

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
THMJ-SP	1	0.5	\$-43i:	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
THMJ-SJ	1	0.5	\$43h:		Standard round pin jack				—
THMJ-SPJ	1	0.5	\$-043j:		Standard round direct mount jack				—
THMJ-MP	1	0.5	\$;43f:		Miniature flat pin plug			40 AWG (0.08 mm) to 20 AWG maximum (0.8 mm)	WCB-M
THMJ-MJ	1	0.5	\$43e:		Miniature flat pin jack				—
THMJ-MPJ	1	0.5	\$43g:		Miniature round direct mount jack				—
THMK-SP	1	0.5	\$43s:	K	Standard round pin plug		Yellow	32 AWG (0.2 mm) to 14 AWG maximum (2.0 mm)	WCB-S
THMK-SJ	1	0.5	\$43q:		Standard round pin jack				—
THMK-SPJ	1	0.5	\$;043t:		Standard round direct mount jack				—
THMK-MP	1	0.5	\$43o:		Miniature flat pin plug			40 AWG (0.08 mm) to 20 AWG maximum (0.8 mm)	WCB-M
THMK-MJ	1	0.5	\$43n:		Miniature flat pin jack				—
THMK-MPJ	1	0.5	\$43p:		Miniature round direct mount jack				—
THMK-HSP	1	0.5	\$-043l:		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
THMK-HSJ	1	0.5	\$043k:		Standard hi-temp round pin jack				
THMT-SP	1	0.5	\$43z:	T	Standard round pin plug	Max continuous 400°F (200°C)	Blue	32 AWG (0.2 mm) to 14 AWG maximum (2.0 mm)	WCB-S
THMT-SJ	1	0.5	\$43y:		Standard round pin jack				
THMT-SPJ	1	0.5	\$;043j:		Standard round direct mount jack				
THMT-MP	1	0.5	\$43v:		Miniature flat pin plug			40 AWG (0.08 mm) to 20 AWG maximum (0.8 mm)	WCB-M
THMT-MJ	1	0.5	\$43u:		Miniature flat pin jack				
THMT-MPJ	1	0.5	\$43x:		Miniature round direct mount jack				
RTD-SP	1	0.5	\$42x:	RTD	Standard round pin plug		White	32 AWG (0.2 mm) to 14 AWG maximum (2.0 mm)	WCB-S
RTD-SJ	1	0.5	\$042v:		Standard round pin jack				
NTC-SJ	1	0.5	\$;6a1q:	Thermistor	Standard round pin jack				

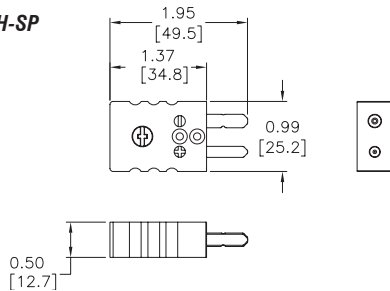
[THMT-SP](#)[THMT-SJ](#)[THMK-SP](#)[THMK-SJ](#)[THMK-MP](#)[THMJ-MJ](#)[THMT-SPJ](#)[THMT-MPJ](#)[RTD-SP](#)[RTD-SJ](#)[THMK-HSP](#)[THMK-HSJ](#)[NTC-SJ](#)

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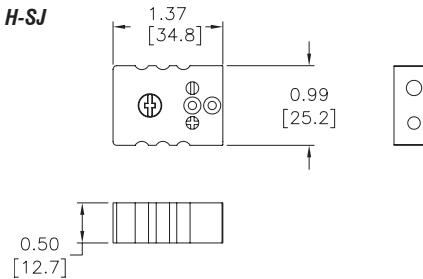
Dimensions

inches [mm]

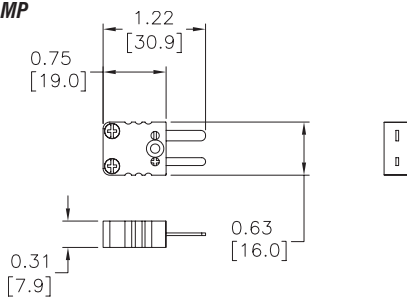
THMJ, K, T, & H-SP



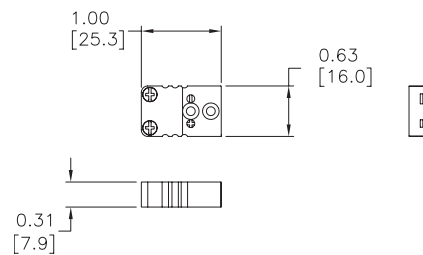
THMJ, K, T, & H-SJ



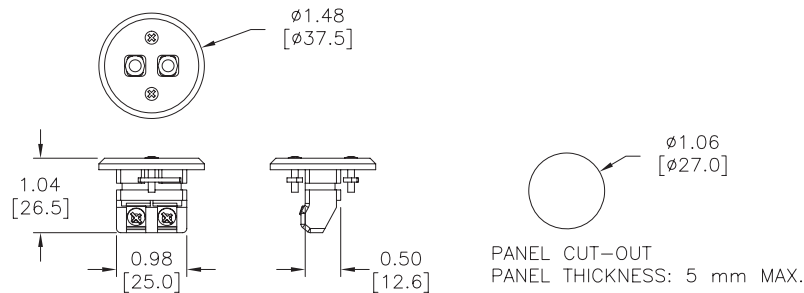
THMJ, K, & T-MP



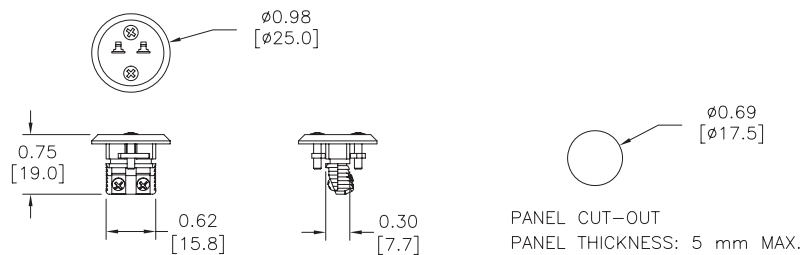
THMJ, K, & T-MJ



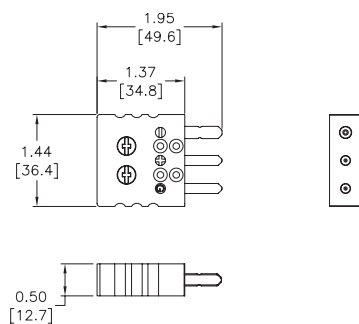
THMJ, K, & T-SPJ



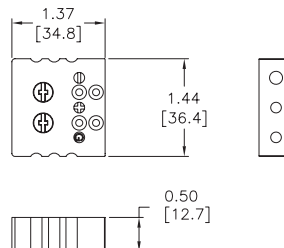
THMJ, K, & T-MPJ



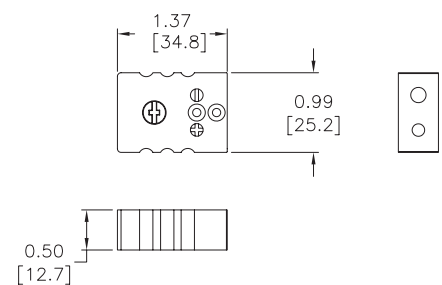
RTD-SP



RTD-SJ



NTC-SJ





Thermocouple and RTD Connectors

WCB-S



WCB-M



WCB-S Application



WCB-M Application

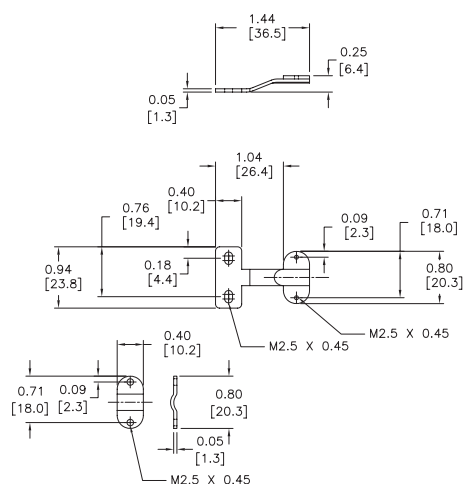


Thermocouple and RTD Connectors Accessories				
Part Number	Pcs/ Pkg	Wt(lb)	Price	Description
<u>WCB-S</u>	10	0.5	\$05hp:	Wire / cable clamp bracket for use with standard thermocouple and RTD connectors.
<u>WCB-M</u>	10	0.5	\$05ho:	Wire / cable clamp bracket for use with miniature thermocouple connectors.

Dimensions

inches [mm]

WCB-S



WCB-M

