

THERMOCOUPLE CONNECTORS

STANDARD SIZE

STANDARD SIZE HEAVY DUTY & HIGH TEMPERATURE CONNECTORS							
TC CODE	THERMOCOUPLE TYPE		SHELL COLOR	CONNECTORS -- STANDARD			
				HEAVY DUTY RATED TO 400°F		HIGH TEMP*** RATED TO 800°F	
	+	-		FEMALE	MALE	FEMALE	MALE
K	Chromel®	Alumel®	Yellow	SC-K-F	SC-K-M	SHC-K-F	SHC-K-M
T	Copper	Constantan®	Blue	SC-T-F	SC-T-M	SHC-T-F	SHC-T-M
J	Iron	Constantan®	Black	SC-J-F	SC-J-M	SHC-J-F	SHC-J-M
E	Chromel®	Constantan®	Purple	SC-E-F	SC-E-M	SHC-E-F	SHC-E-M
N	Nicrosil®	Nisil®	Orange	SC-N-F	SC-N-M	SHC-N-F	SHC-N-M
R*	Pt 13% Rh	Pt	Green	SC-R-F	SC-R-M	SHC-R-F	SHC-R-M
S*	Pt 10% Rh	Pt	Green	SC-S-F	SC-S-M	SHC-S-F	SHC-S-M
C	W 5% Re	W 26% Re	Red	SC-C-F	SC-C-M	SHC-C-F	SHC-C-M
U**	Copper	Copper	White	SC-U-F	SC-U-M	SHC-U-F	SHC-U-M

*Type R and S connectors use Copper and Alloy II contacts.

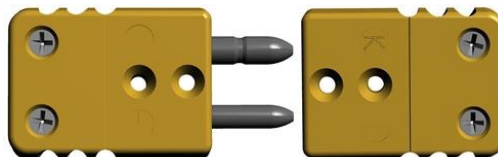
**Uncompensated — used with Type B (Pt 6% Rh - Pt 30% Rh) and 2-wire RTDs.

***800°F Continuous, 1,000°F Intermittent. All colored **red**.

3-Pole Connectors start with SC3-, or SHC3- for High-Temp 3-Pole Connectors

ACCESSORY HARDWARE FOR STANDARD SIZE CONNECTORS		
DESCRIPTION	PART NO.	COMMENT
Cable Clamps	SCP	Strain Relief for Cables
Tube Clamps	STP-116	For 1/16" OD Tube
Tube Clamps	STP-18	For 1/8" OD Tube
Tube Clamps	STP-316	For 3/16" OD Tube
Tube Clamps	STP-14	For 1/4" OD Tube
Rubber Grommet	RG	Grip Bushing

Standard Connector — Round Pins



Positive Pin: 5/32" Diameter
 Negative Pin: 3/16" Diameter
 (Illustration not to scale)