

THERMOCOUPLE CONNECTORS—STRIPANELS

- 2-POLE MINIATURE/FULL SIZE
 - 3-POLE MINIATURE/FULL SIZE
- SELECTOR SWITCHES
TERMINAL HEADS/LUGS/HANDLE**



CONNECTORS MINI PLUGS AND JACKS

ACTUAL SIZE



MINI PLUG AND JACKS

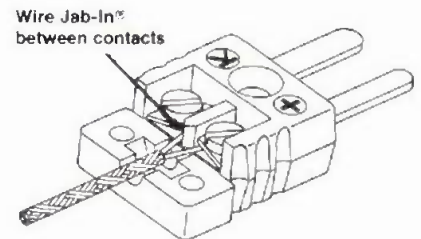
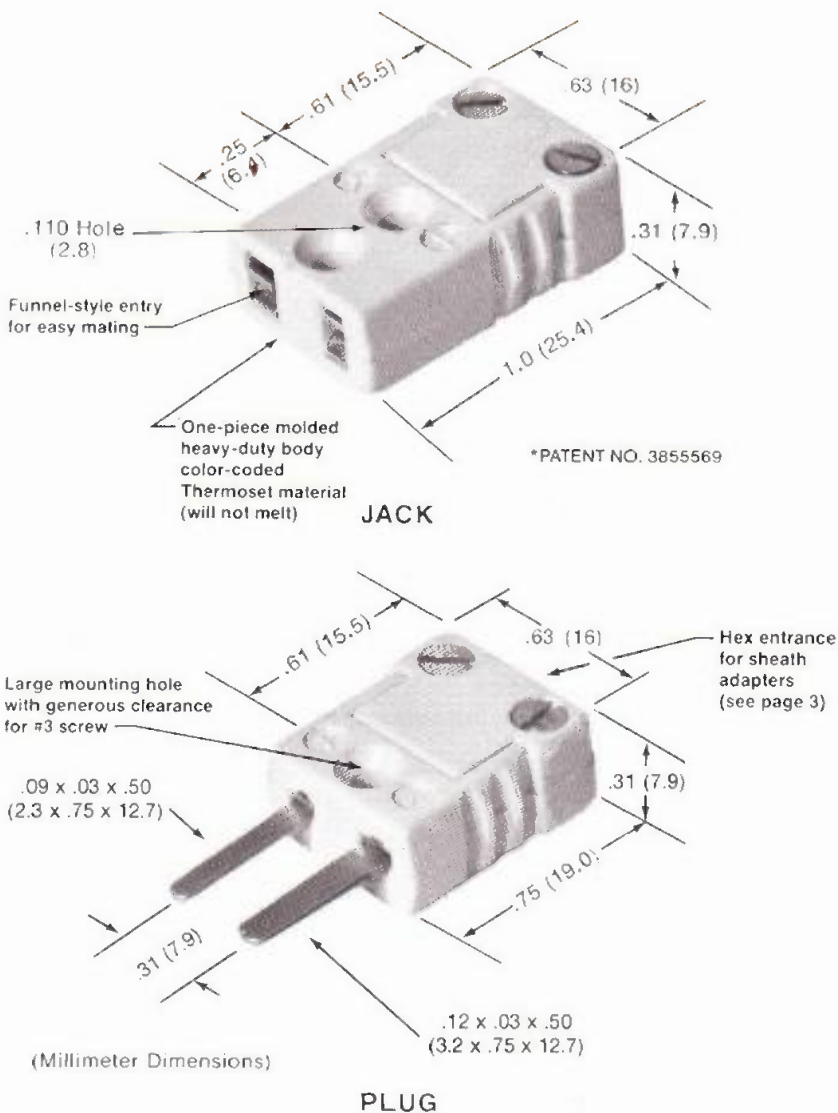
Miniature plugs and jacks provide dependable, quick connections and easy installation of fine thermocouple wire and sheath. Accepts wire from .001" diameter to 24 gauge.

Polarized pins make it virtually impossible to mismatch. Large double wipe jack inserts assure tight grip and low signal loss. Due to exclusive isolated screw design, contact is all thermocouple alloy from wire entrance to wire exit. ANSI calibration symbol and polarity symbol are molded on connector face. Surface mounting and stacking made easy by molded-in clearance holes.

Mini-connectors are molded from glass-filled, high strength, thermoset compounds that will not melt. Mini-connectors are color coded and can be used in ambient temperatures to 400°F (205°C) continuous and 500°F (260°C) intermittent. Hi-Temp Mini connectors are colored red and can be used to 800°F (425°C) continuous and 1000°F (540°C) intermittent.

Exclusive Jab-In® terminals require only 1/4" of insulation removed. Wire is sandwiched between contacts of thermocouple alloy without damage. Looped wire ends are eliminated. Simple two-piece construction. Removable cap with semi-captive screws exposes terminals without loose parts falling out. Elastomer bushing provides wire strain relief. Braze-on sheath adapters are brazed or soldered to sheath. Crimp-on adapters are crimped on sheath using crimp tool. Bushings and adapters are locked into connector by cap.

For corrosive applications, gold plated contacts are available. Caution — system errors can result from use of plated contacts if significant thermal gradient exist at connector.

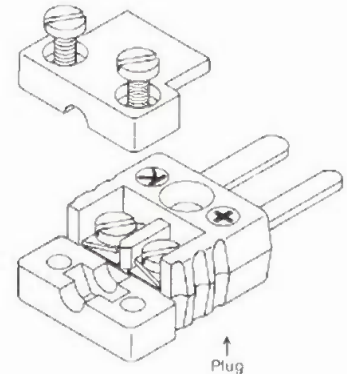


CONNECTORS MINI PLUGS AND JACKS

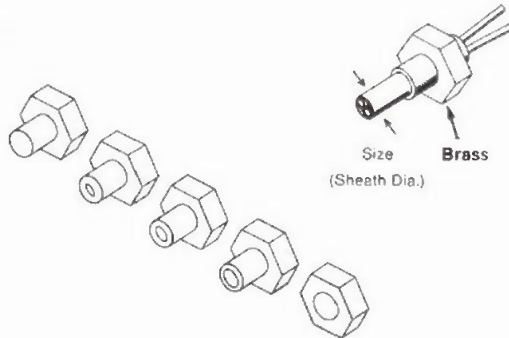
MINI PLUGS AND JACKS			400°F Continuous Ambient			800°F Continuous Ambient		
THERMOCOUPLE TYPE	TYPE CODE	COLOR	PLUG CODE NO.	JACK CODE NO.		COLOR	HI TEMP PLUG CODE NO.	HI TEMP JACK CODE NO.
Iron Constantan	J	Black				Red		
Copper Constantan	T	Blue				Red		
Chromel™ Alumel™	K	Yellow				Red		
Nicrosil Nisil	N	Orange	1260-()	1210-()	A	Red	1360-()	1310-()
Chromel™ Constantan	E	Violet	TYPE Code →	TYPE Code →		Red	TYPE Code →	TYPE Code →
Platinum 10% Rhodium	S	Green				Red		
Platinum 13% Rhodium	R	Green				Red		
Uncompensated (CU)	U	White				Red		
Tungsten 5% Re/W26% Re	C	Brown				Red		

1.) Gold plated contacts are available at extra cost. Use suffix "G" (i.e. 1260-K-G)

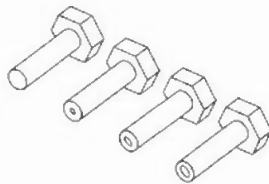
Grommet Wire Grip			
Code No.	Size	\$/Each	
1279-030	.030"		
1279-062	.062"		
1279-090	.090"		



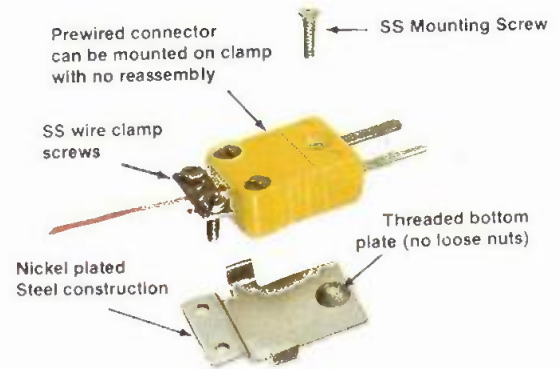
Mini Braze-on Adapter			
Code No.	Size	\$/Each	
1277-000	blank		
1277-040	.040"		
1277-062	.062"		
1277-090	.090"		
1277-125	.125"		



Mini Hex Crimp Adapter			
Code No.	Size	\$/Each	
1275-000	blank		
1275-020	.020"		
1275-040	.040"		
1275-062	.062"		



Mini 2-Pole Crimp Adapter			
Code No.	Size	\$/Each	
1274-040	.040"		
1274-062	.062"		
1274-125	.125"		



Mini 3-Pole Wire Clamp		
Code No.	\$/Each	
1280		

MINI WIRE CLAMP
Strain relieves fine wire as well as heavy insulated wire.