

Full-Size, Hex Body, 2-Pole Connectors

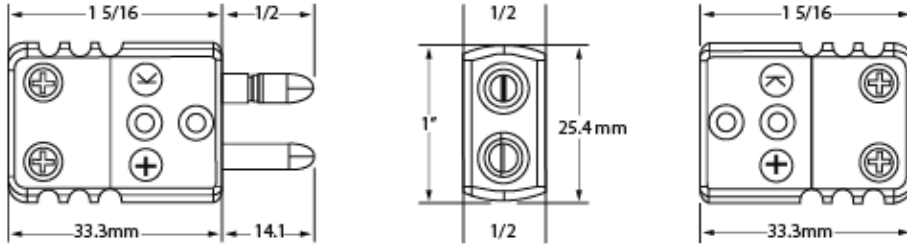


- 2-Pole Connector plugs and jacks are made to exacting specifications to provide rapid, dependable connections between thermocouples and extension wires.
- Alloys of prongs and inserts match ANSI calibrations to maintain sensing accuracy. Alloy and polarity are identified by symbols molded into body.
- Large head terminal screws
- Mounting holes for #3 flat head screws
- Hex entrance for hex sheath adapters
- Connector bodies molded of glass filled thermoset compounds (will not melt) for high strength and dependability. The color coded connectors will withstand ambient temperatures to 400°F (205°C) continuous and 500°F (260°C) intermittent.
- For corrosive applications, gold or nickel plated prongs and inserts are available. Caution – system errors can result from use of plated contacts if significant thermal gradients exist at connector.

INSERT MATERIAL ALLOY

TYPE CODE	POSITIVE	NEGATIVE	ANSI COLOR CODE
K	Chromel™	Alumel™	Yellow
E	Chromel™	Constantan	Violet
J	Iron	Constantan	Black
T	Copper	Constantan	Blue
N	Nicrosil	Nisil	Orange
R	Copper	#11 Alloy	Green
S	Copper	#11 Alloy	Green
U	Copper	Copper	White
C	#405 Alloy	#426 Alloy	Brown

DIMENSIONS



FULL SIZE, 2-POLE, HEX BODY

MODEL	DESCRIPTION
1065-*	Plug
1055-†	Solid Pin Plug
1015-*	Jack

* – Tubular Pin Availability: J,K,T,N,E,R,S,U, also “C”

† – Solid Pin Availability: J,K,T,E,R,S,U



BRAZE ADAPTER



HEX-CRIMP ADAPTER



NEOPRENE WIRE CRIP BUSHING

MOUNTING ACCESSORIES

MODEL	DESCRIPTION
1077-*	BRAZE ADAPTER
1075-*	HEX-CRIMP ADAPTER (Power crimping equipment recommended.)
1079	NEOPRENE WIRE GRIP BUSHING

1077-* – Specify Size Code: 000 (Blank), 040 (0.040”), 062 (0.062”), 125 (0.125”), 187 (0.187”), 250 (0.250”)

1075-* – Specify Size Code: 000 (Blank), 040 (0.040”), 062 (0.062”), 125 (0.125”), 187 (0.187”), 250 (0.250”)

Contact



Thermoway Industrial Co., Ltd.

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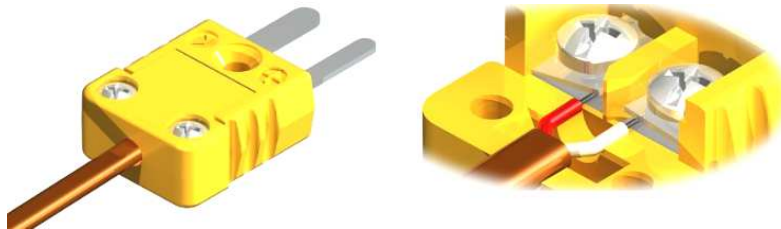
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Mini 2-Pole Plugs & Jacks



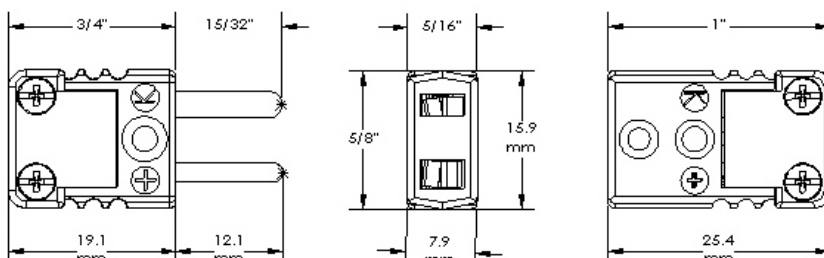
- Miniature plugs and jacks provide dependable, quick connections and easy installation of fine thermocouple wire and metal-sheath thermocouples. Accepts wire from 0.001" diameter to 24 gauge.
- Large double wipe jack inserts assure tight grip and low signal loss.
- Mini-connectors are molded from glass 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.**

DIMENSIONS



INSERT MATERIAL ALLOY

TYPE CODE	POSITIVE	NEGATIVE	ANSI COLOR CODE
K	Chromel™	Alumel™	Yellow
E	Chromel™	Constantan	Violet
J	Iron	Constantan	Black
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N	Nicrosil	Nisil	Orange
R	Copper	#11 Alloy	Green
S	Copper	#11 Alloy	Green
U	Copper	Copper	White
C	#405 Alloy	#426 Alloy	Brown

MINI SIZE, 2-POLE PLUG & JACK

MODEL	DESCRIPTION
1260-*	Plug
1210-*	Jack

Mini Connector Accessories

MINI GROMMET WIRE GRIP 100/PKG



HOLE SIZE (IN)	CODE
0.030	1279-2-030
0.062	1279-2-062
0.090	1279-2-090

MINI FLEXGRIP WIRE GRIP 100/PKG



HOLE SIZE (IN)	CODE
0.030	1278-2-030
0.062	1278-2-062
0.090	1278-2-090

MINI WIRE CLAMP



CODE
1280

MINI HEX CRIMP SHEATH ADAPTER



SHEATH SIZE OD INCHES	CODE
BLANK	1275-2-000
0.040(1mm)	1275-2-040
1/16	1275-2-062
0.090	1275-2-090
1/8	1275-2-125

MINI CRIMP SHEATH ADAPTER SS



SHEATH SIZE OD INCHES	CODE
0.040(1mm)	1274-2-040
1/16	1274-2-062
0.090	1274-2-090
1/8	1274-2-125

**MINI COMPRESSION SHEATH
ADAPTER SS**



SHEATH SIZE OD INCHES	CODE
0.040(1mm)	1270-040
1/16	1270-062
1/8	1270-125

**DUAL MINI COMPRESSION SHEATH
ADAPTER SS**



SHEATH SIZE OD INCHES	CODE
0.040(1mm)	1271-040
1/16	1271-062
1/8	1271-125

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