

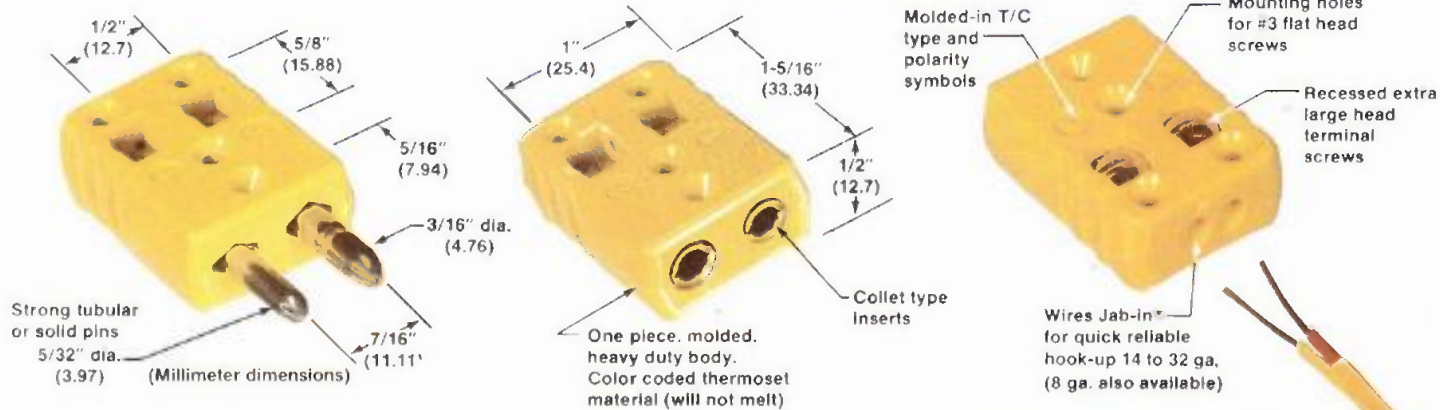
## **THERMOCOUPLE CONNECTORS—STRIPANELS**

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



# CONNECTORS FULL SIZE — 2-POLE — JAB-IN®

## THE ORIGINAL JAB-IN® CONNECTOR



FULL SIZE 2-POLE JAB-IN®			
CODE NO.	PRICE EACH	DESCRIPTION	
1064 - *		Jab-in® Plug	A
1054 - †		Solid Pin Plug	
1014 - *		Jab-in® Jack	

\* - Tubular Pin Availability: J,K,T,N,E,R,S,U also "C" EXCEPT at extra cost of plug or jack.

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

1 - For connectors that will accept 8 ga. add suffix "8" e.g. 1064-K-8 (8 ga. units will not accept smaller ga.; not avail. in solid pin or Hi-Temp.) at extra cost.

### ONE-PIECE CONSTRUCTION

- Molded completely in one piece, Jab-In® connectors eliminate terminal cap and fasteners. There are no loose parts to fumble or lose.
- Twin molded-in channels allow user to jab in wires for quick, reliable hook-up. Wires can be installed or removed in seconds.
- Prongs and inserts are permanently mounted; provide dependable screw connection to extension wires.

### RECESSED TERMINAL SCREWS

- Terminal screws are exposed for fastest, easiest access to connections. Deeply recessed in terminal body, screws are out of the way and protected from mechanical damage.
- Large head brass screws hold connections tight on stranded or solid wire without damaging the wire, exclusive jab-In® construction eliminates the need to turn down ends.
- Accommodate wire sizes from 14 gauge stranded to 32 gauge inclusive. 8 ga. also available see note 1.
- Alloys of prongs and inserts match ANSI calibrations to maintain sensing accuracy. Alloy and polarity are identified by symbols molded into body.

FULL SIZE HIGH-TEMPERATURE JAB-IN®			
CODE NO.	PRICE EACH	DESCRIPTION	
1164 - *		HT Jab-in® Plug	
1154 - †		HT Solid Pin Plug	
1114 - *		HT Jab-in® Jack	

- 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. High-Temperature (All Hi-Temp are color coded red) will withstand ambient temperatures to 800°F (425°C) continuous and 1000°F (540°C) intermittent.
- Inserts are spring loaded collet type to assure positive full contact with the negative insert larger making it virtually impossible to mismatch.

TYPE CODE	INSERT MAT'L. ALLOY		COLOR CODE
	POSITIVE	NEGATIVE	
J	IRON	CONSTANTAN	BLACK
T	COPPER	CONSTANTAN	BLUE
K	CHROMEL™	ALUMEL™	YELLOW
N	NICROSIL	NISIL	ORANGE
R	COPPER	#11 ALLOY	GREEN
S	COPPER	#11 ALLOY	GREEN
E	CHROMEL™	CONSTANTAN	VIOLET
U	COPPER	COPPER	WHITE
C	#405 ALLOY	#426 ALLOY	BROWN
(ALL HI-TEMP CONNECTORS)			RED

### MOUNTING HARDWARE

All screws mount from top into threaded bottom plate (no loose nuts)

Nickel plated steel construction compression type fitting

For cable to 3/8" dia.

Strain relief for insulated wires

COMPRESSION ADAPTER

(metal sheathed T/C to Jab-In®)

COMPRESSION ADAPTER-DUAL

(metal sheathed dual T/C to Jab-In®)

CABLE CLAMP

WIRE CLAMP

CODE NO.	PRICE
1072-*	

CODE NO.	PRICE
1071-*	

CODE NO.	PRICE
1082	

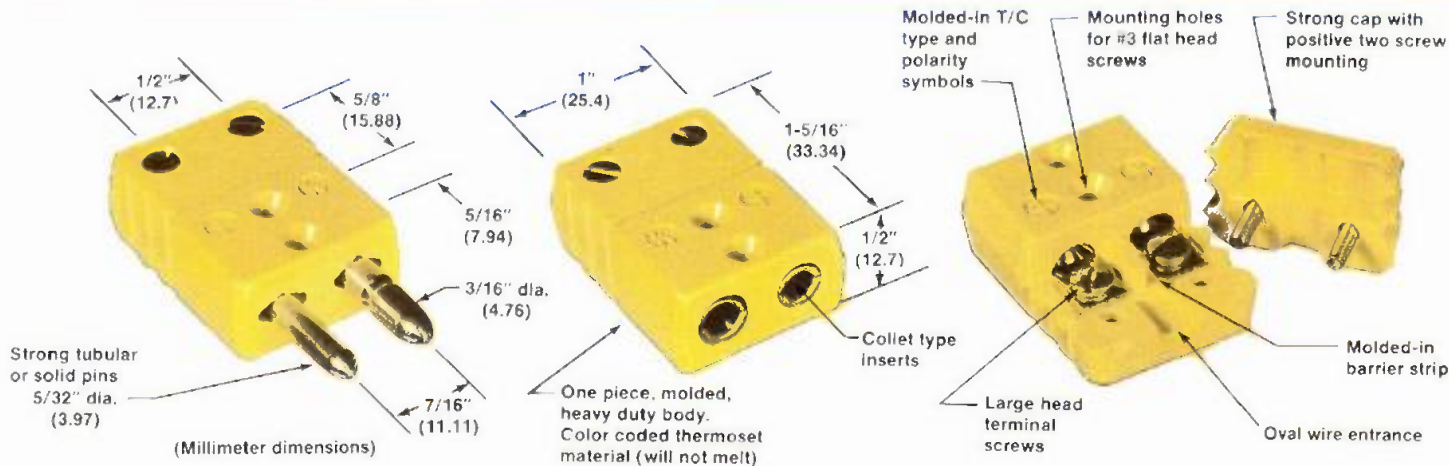
CODE NO.	PRICE
1086	

Specify Size: Blank, .040", .062", .125", .187", .250", .312", .375"

\*Code: 000, 040, 062, 125, 187, 250, 312, 375



# CONNECTORS FULL SIZE — 2-POLE



FULL SIZE 2-POLE			
CODE NO.	PRICE EACH	DESCRIPTION	
1060 - *		Plug	
1050 - †		Solid Pin Plug	
1010 - *		Jack	

- 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.
- 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. High-Temperature Connectors (All Hi-Temp Connectors are color coded red) will withstand ambient temperatures to 800° F (425° C) continuous and 1000° F (540° C) intermittent.
- Inserts are spring loaded collet type to assure positive full contact with the negative insert larger making it virtually impossible to mismatch.
- 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.

For gold plating use suffix "G" (i.e. 1060-K-G) at extra cost.  
For nickel plating use suffix "P" (i.e. 1060-K-P) at extra cost.



FULL SIZE HIGH-TEMPERATURE 2-POLE			
CODE NO.	PRICE EA.	DESCRIPTION	COLOR CODE
1160 - *		Hi-Temp Plug	
1150 - †		Solid Pin Plug	RED
1110 - *		Hi-Temp Jack	

\* - Tubular Pin Availability: J,K,T,N,E,R,S,U, also "C" EXCEPT at extra cost.  
† - Solid Pin Availability: J,K,T,E,R,S,U.

### MOUNTING HARDWARE FOR 2-POLE CONNECTOR

- Nickel Plated Construction.
- All screws mount from top into threaded bottom plate. (no loose nuts). Remove body nuts by loosening "cap" screw and pushing. Use new "plate" screws for assembly.

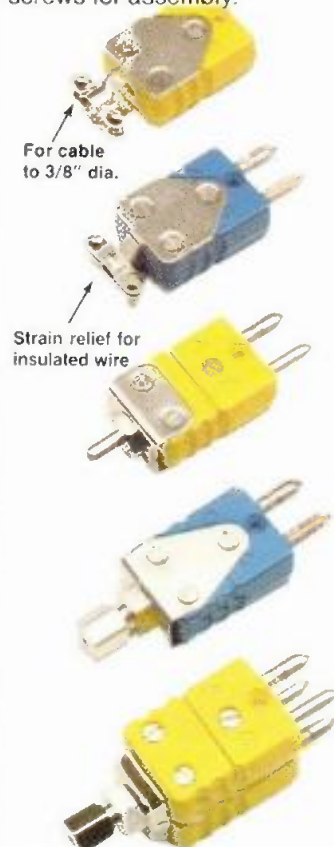
CABLE CLAMP	
CODE NO.	PRICE EA.
1080	
1088 w/mtg. stud	

WIRE CLAMP	
CODE NO.	PRICE EA.
1084	
1085 w/mtg. stud	

CRIMP ADAPTER	
CODE NO.	PRICE EA.
1074-125	
1074-187	

COMPRESSION ADAPTER (metal sheathed T/C to connector)	
CODE NO.	PRICE EA.
1070-*	
1078-* w/mtg. stud	

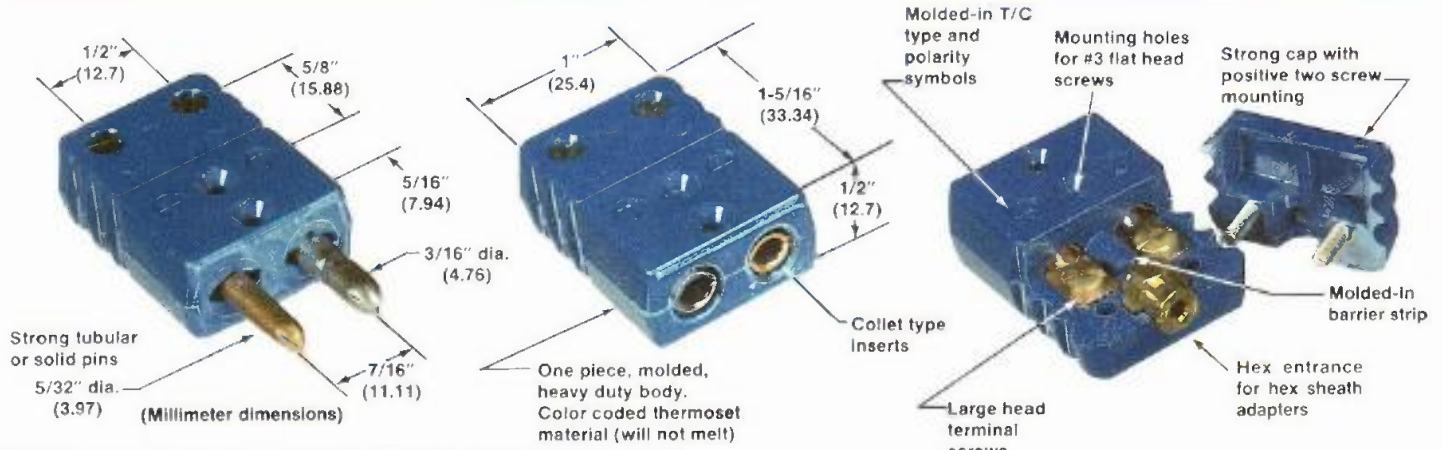
COMPRESSION ADAPTER-DUAL (metal sheathed dual T/C to connector)	
CODE NO.	PRICE EA.
1071-*	



Specify Size: Blank, .040", .062", .125", .187", .250", .312", .375"  
\*Code: 000, 040, 062, 125, 187, 250, 312, 375

No nut or ferrule

# CONNECTORS FULL SIZE — 2-POLE — HEX BODY



FULL SIZE 2-POLE — HEX BODY			
CODE NO.	PRICE EACH	DESCRIPTION	
1065 - *		Plug	
1055 - †		Solid Pin Plug	
1015 - *		Jack	

- 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.
- Connector bodies molded of glass-filled thermoset compounds (will not melt) for high strength and dependability. The color coded Connectors will withstand ambient temperatures of 400°F (205°C) continuous and 500°F (260°C) intermittent.
- Inserts are spring loaded collet type to assure positive full contact with the negative insert larger making it virtually impossible to mismatch.
- 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.

For gold plating use suffix "G" (i.e. 1065-K-G) at extra cost.  
For nickel plating use suffix "P" (i.e. 1065-K-P) at extra cost.

### MOUNTING HARDWARE

BRAZE ADAPTER		
CODE NO.	PRICE EACH	
1077-*		

Specify Size: Blank, .040", .062", .090", .125", .187", .250"  
\*Code: 000, 040, 062, 090, 125, 187, 250

HEX-CRIMP ADAPTER		
CODE NO.	PRICE EACH	
1075-*		

Specify Size: .040", .062", .125", .187"  
\*Code: 040, 062, 125, 187

(Power crimping equipment recommended.)

NEOPRENE WIRE GRIP BUSHING		
CODE NO.	PRICE EACH	
1079		

HIGH-TEMPERATURE 2 POLE — HEX BODY		
CODE NO.	PRICE EACH	DESCRIPTION
Hex Body Connectors are not available in high temperature use regular connectors for this application		

\* - Tubular Pin Availability: J,K,T,N,E,R,S,U, also "C" EXCEPT at extra cost.  
† - Solid Pin Availability: J,K,T,E,R,S,U.

TYPE CODE	INSERT MAT'L. ALLOY		COLOR CODE
	POSITIVE	NEGATIVE	
J	IRON	CONSTANTAN	BLACK
T	COPPER	CONSTANTAN	BLUE
K	CHROMEL™	ALUMEL™	YELLOW
N	NICROSIL	NISIL	ORANGE
R	COPPER	# 11 ALLOY	GREEN
S	COPPER	# 11 ALLOY	GREEN
E	CHROMEL™	CONSTANTAN	VIOLET
U	COPPER	COPPER	WHITE
C	#405 ALLOY	#426 ALLOY	BROWN

