

# Low Noise, High Temperature Standard Connectors

GST/HGST  
**\$9**  
 Basic Pair

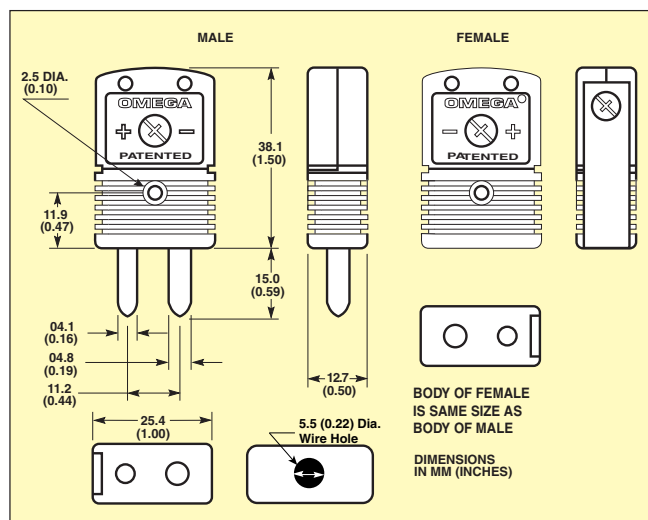
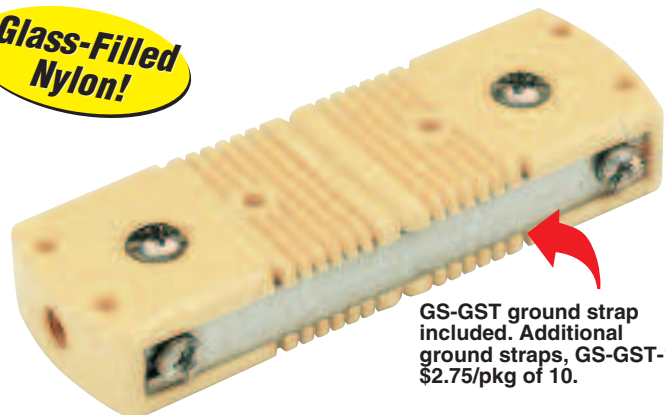


- ✓ Connector Ground Protects Against Electrical Noise Errors
- ✓ Write-On Window for Easy Identification
- ✓ Superior Mechanical Connection Prevents Signal Loss Due to Vibration or Wire Movement
- ✓ Rugged Glass-Filled Nylon Shell Rated from -29 to 220°C (-20 to 425°F)
- ✓ Liquid Crystal Polymer Shell Rated to -29 to 260°C (-20 to 500°F)
- ✓ Accepts Solid or Stranded Wire Up to Size 14 AWG
- ✓ High Purity Thermocouple Alloy Pins and Sockets
- ✓ Color-Coded

The GST and HGST low noise connectors are designed to provide easy connection of ground wires to probes and extension wires. The drain wire of a 20 AWG twisted shield cable or the shield of the overbraided wire is crimped and held in place by their internal hardware. They have excellent thermal and electrical characteristics to assure high accuracy. Each connector includes a write-on window, and external ground strap to provide additional mechanical rigidity and strengthen the mechanical bond between the connectors. Ground straps also maintain the electrical contact through the connector, protecting against electrical noise errors.



**Glass-Filled Nylon!**

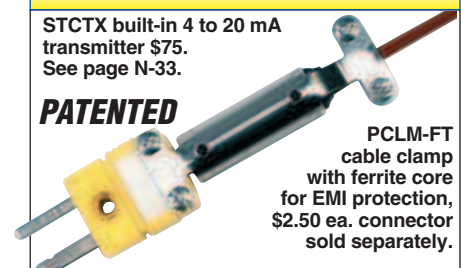


## Also Available!

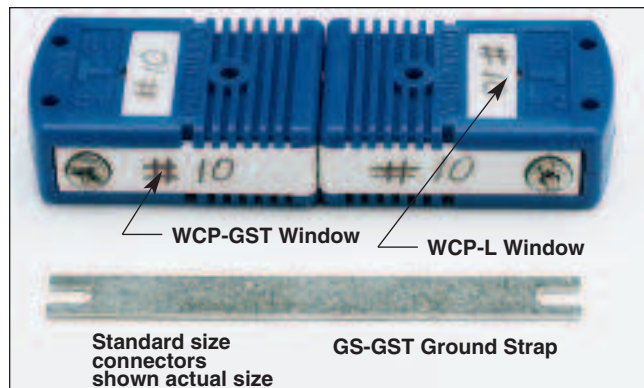
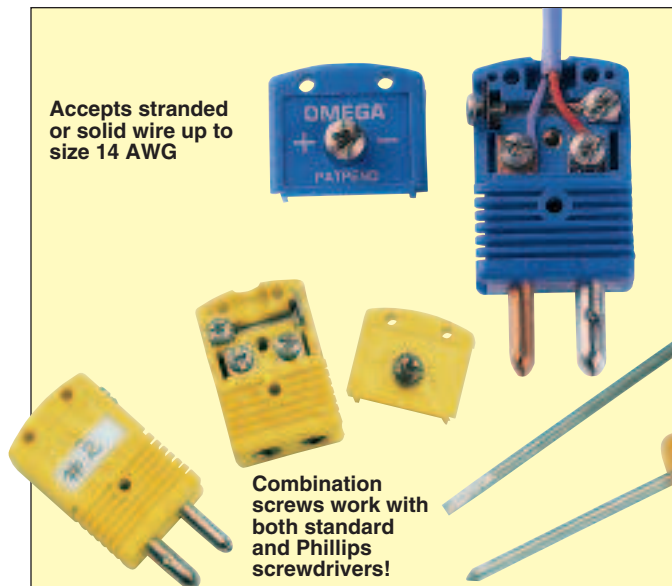
Transmitters and Ferrite Cores for EMI Protection

STCTX built-in 4 to 20 mA transmitter \$75.  
 See page N-33.

**PATENTED**

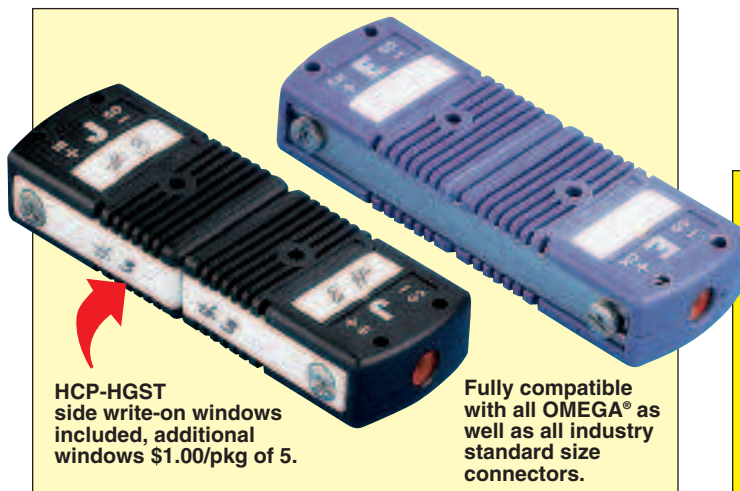


PCLM-FT cable clamp with ferrite core for EMI protection, \$2.50 ea. connector sold separately.



## Accessories

Model No.	Price	Description
HCP-L	\$0.25/pkg of 5	Write-on window for HGST connector face
WCP-L	\$0.25/pkg of 5	Write-on window for GST connector face
HCP-HGST	\$1.00/pkg of 5	Write-on window for HGST connector side
WCP-GST	\$1.00/pkg of 5	Write-on window for GST connector side
GS-GST-10	\$2.75/pkg of 10	Ground straps



**MOST POPULAR MODELS HIGHLIGHTED!**

## To Order (Specify Model Number)

Alloy Code <sup>†</sup>	Type of Thermocouple Used With Connector	Compensating Alloy Used in Connector		Shell Color	Model Number	Price		
		+	-			Pair (MF)	Female (F)	Male (M)
<b>K</b>	CHROMEALLOY®-ALOMEGA®	CHROMEALLOY®	ALOMEGA®	Yellow	<b>GST-K-(* )</b>	<b>\$9.00</b>	<b>\$5.50</b>	<b>\$3.50</b>
<b>T</b>	Copper-Constantan	Copper	Constantan	Blue	<b>GST-T-(* )</b>	<b>9.00</b>	<b>5.50</b>	<b>3.50</b>
<b>J</b>	Iron-Constantan	Iron	Constantan	Black	<b>GST-J-(* )</b>	<b>9.00</b>	<b>5.50</b>	<b>3.50</b>
<b>E</b>	CHROMEALLOY®-Constantan	CHROMEALLOY®	Constantan	Purple	<b>GST-E-(* )</b>	<b>9.00</b>	<b>5.50</b>	<b>3.50</b>
<b>R/S</b>	Pt/13%Rh-Pt	Copper	RNX/SNX	Green	<b>GST-R/S-(* )</b>	<b>9.00</b>	<b>5.50</b>	<b>3.50</b>
<b>U</b>	Uncompensated	Copper	Copper	White	<b>GST-U-(* )</b>	<b>9.00</b>	<b>5.50</b>	<b>3.50</b>
<b>N</b>	OMEGALLOY®	OMEGA-P®	OMEGA-N®	Orange	<b>GST-N-(* )</b>	<b>13.50</b>	<b>8.25</b>	<b>5.25</b>
<b>K</b>	CHROMEALLOY®-ALOMEGA®	CHROMEALLOY®	ALOMEGA®	Yellow	<b>HGST-K-(* )</b>	<b>9.40</b>	<b>5.70</b>	<b>3.70</b>
<b>T</b>	Copper-Constantan	Copper	Constantan	Blue	<b>HGST-T-(* )</b>	<b>9.40</b>	<b>5.70</b>	<b>3.70</b>
<b>J</b>	Iron-Constantan	Iron	Constantan	Black	<b>HGST-J-(* )</b>	<b>9.40</b>	<b>5.70</b>	<b>3.70</b>
<b>E</b>	CHROMEALLOY®-Constantan	CHROMEALLOY®	Constantan	Purple	<b>HGST-E-(* )</b>	<b>9.40</b>	<b>5.70</b>	<b>3.70</b>
<b>R/S</b>	Pt/13%Rh-Pt	Copper	RNX/SNX	Green	<b>HGST-R/S-(* )</b>	<b>9.40</b>	<b>5.70</b>	<b>3.70</b>
<b>U</b>	Uncompensated	Copper	Copper	White	<b>HGST-U-(* )</b>	<b>9.40</b>	<b>5.70</b>	<b>3.70</b>
<b>N</b>	OMEGALLOY®	OMEGA-P®	OMEGA-N®	Orange	<b>HGST-N-(* )</b>	<b>13.90</b>	<b>8.45</b>	<b>5.45</b>

Each connector comes complete with write-on window for connector face and sides. The ground strap replaces the side windows and maintains the electrical connection through the connector pair.

\* To order, specify "MF" for connector pair, "M" for male connector only, or "F" for female connector only

† J, K, T, S and R are ANSI designations. OMEGALLOY® is generically known as Nicrosil-Nisil. Type U (uncompensated) connectors are used with type B thermocouples (Pt/6%Rh-Pt/30%Rh)

Ordering Examples: GST-K-MF, type K connector pair, \$9.00.

HGST-K-MF, Type K connector pair, \$9.40. HGST-K-F, Type K female connector, \$5.70.

HGST-J-MF, Type J connector pair, \$9.40, with GS-GST-10 replacement ground straps, \$2.75, \$9.40 + 2.75 = \$12.15.

### Discount Schedule

1-10	Net
11-49	5%
50-99	10%
100-999	15%
1000-4999	20%
5000 and over	25%