

Low Noise, High Temperature Standard Connectors

OMEGA MONOGRAM SERIES

GST/HGST

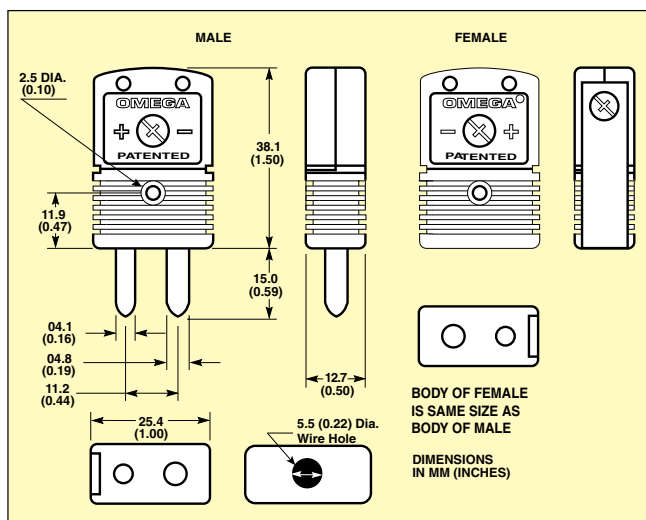
- ✓ Connector Ground Protects Against Electrical Noise Errors
- ✓ Write-On Window for Easy Identification
- ✓ Superior Mechanical Connection Prevents Signal Loss Due to Vibration or Wire Movement
- ✓ Rugged Glass-Filled Nylon Shell Rated from -29 to 180°C (-20 to 356°F)
- ✓ Liquid Crystal Polymer Shell 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

Note: GST only. Minor discoloration of connector may occur between 150°C (302°F) and 180°C (356°F). Electrical properties are not affected.

The OMEGA® GST and HGST low noise connectors are designed to provide easy connection of ground wires to OMEGA® 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!

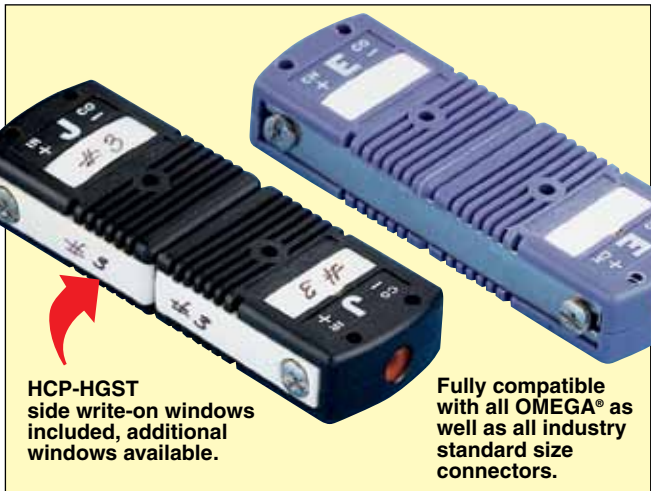
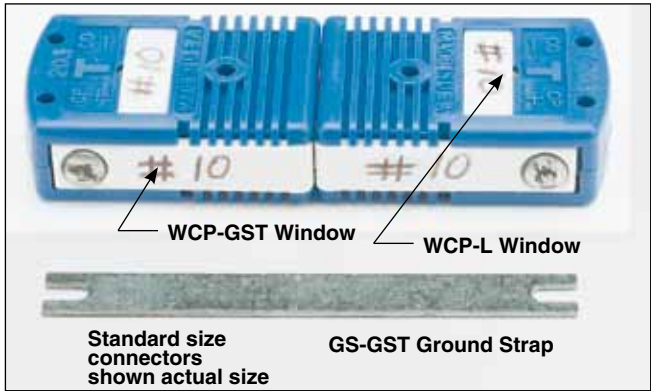
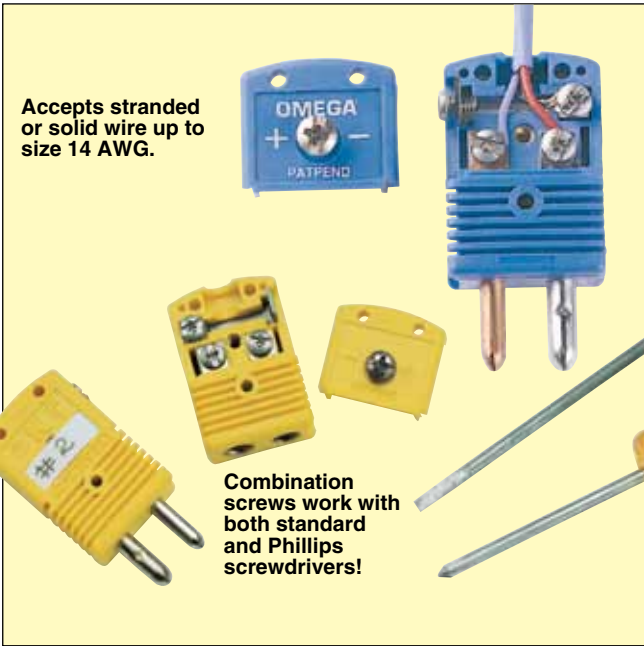
Transmitters and Ferrite Cores for EMI Protection

STCTX built-in 4 to 20 mA transmitter.

PATENTED

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

For OMEGA's Selection of Connector Accessories Visit Us Online



Accessories

Model No.	Description
HCP-L	Write-on window for HGST connector face
WCP-L	Write-on window for GST connector face
HCP-HGST	Write-on window for HGST connector side
WCP-GST	Write-on window for GST connector side
GS-GST-10	Ground straps

To Order				-29 to 180°C (-20 to 356°F)		-29 to 260°C (-20 to 500°F)	
				Glass-Filled Nylon		Liquid Crystal Polymer	
Alloy Code†	Compensating Alloy Used in Connector		ANSI Color Code	Model Number		Model Number	
	+	-		Male	Female	Male	Female
K	CHROMEKA®	ALOMEGA®	Yellow	GST-K-M	GST-K-F	HGST-K-M	HGST-K-F
T	Copper	Constantan	Blue	GST-T-M	GST-T-F	HGST-T-M	HGST-T-F
J	Iron	Constantan	Black	GST-J-M	GST-J-F	HGST-J-M	HGST-J-F
E	CHROMEKA®	Constantan	Purple	GST-E-M	GST-E-F	HGST-E-M	HGST-E-F
R/S	Copper	RNX/SNX	Green	GST-R/S-M	GST-R/S-F	HGST-R/S-M	HGST-R/S-F
U	Copper	Copper	White	GST-U-M	GST-U-F	HGST-U-M	HGST-U-F
N	OMEGA-P®	OMEGA-N®	Orange	GST-N-M	GST-N-F	HGST-N-M	HGST-N-F

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.

† 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 Example: HGST-K-F, Type K female connector.

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