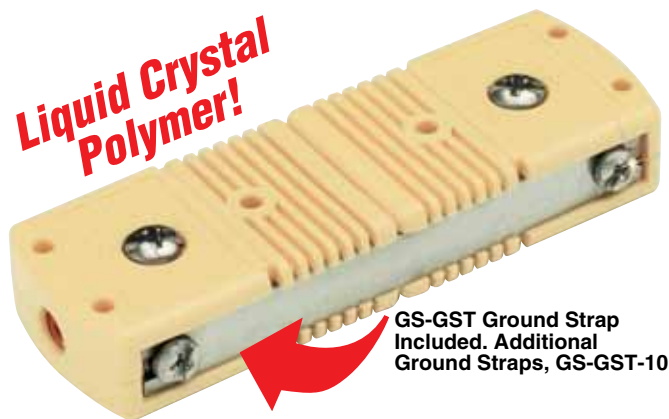


Low Noise, High Temperature Standard Connectors

Type HGST Liquid Crystal Polymer Rated to -29 to 260°C (-20 to 500°F)

ANSI color code shown To order IEC color code visit us online

Liquid Crystal Polymer!



- ✓ Connector Ground Protects Against Electrical Noise Errors
- ✓ Connection Prevents Signal Loss Due to Vibration or Wire Movement
- ✓ Write-On Window
- ✓ Environmentally Friendly Cadmium-Free Liquid Crystal Polymer Shell



HCP-L write-on window included.
Shown actual size.

TWSH Series twisted and shielded thermocouple wire.

The OMEGA® 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 the HGST's internal hardware. The HGST has excellent thermal and electrical characteristics to assure high accuracy. Each connector includes an HCP-L and HCP-HGST write-on window. An external ground strap is included 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.

Also Available!

Transmitters and Ferrite Cores for EMI Protection

Model SPRTX Built-in 4 to 20 mA transmitter.

PATENTED

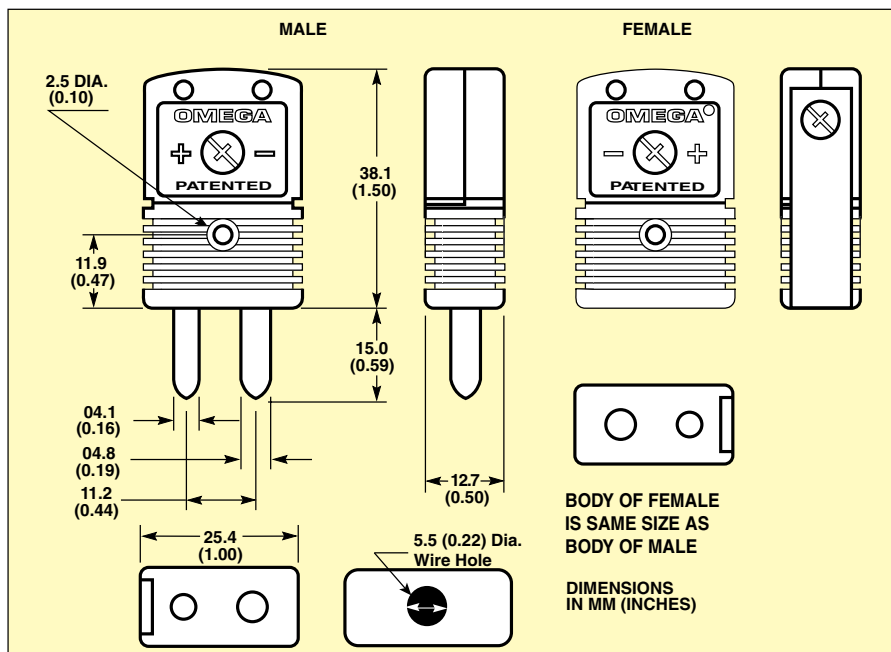
Model PCLM-FT Cable Clamp with Ferrite Core for EMI Protection, Connector sold separately.

We make running changes when technical advances allow. Check at time of ordering for additional features.

Covered by U.S. and International Patents and Patents Pending Application.



Visit us online for low noise thermocouple probes.





HCP-HGST Side Write-on Windows Included, Additional Windows



Standard size connectors shown actual size

Basic Pair

The Write-On Connector is a Patented Design of OMEGA Engineering, Inc.



Accepts Stranded or Solid Wire up to Size 14 AWG

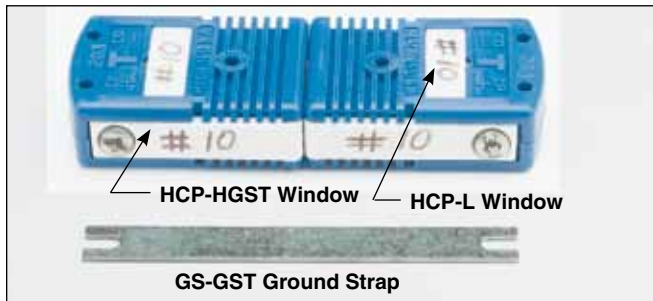
For Twisted and Shielded Thermocouple Wire Visit Us Online.

See OMEGA's Complete Selection of Connector online.



Solid pin connector

Combination screws work with both standard and Phillips screwdrivers!



HCP-HGST Window HCP-L Window

GS-GST Ground Strap

Each connector supplied 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.

Connector design is a registered trademark of OMEGA Engineering, Inc.

Accessories

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

To Order					
Alloy Code [†]	Type of Thermocouple Used With Connector	Compensating Alloy Used in Connector		Shell Color	Model Number
		+	-		
K	CHROMEALLOY®-ALOMEALLOY®	CHROMEALLOY®	ALOMEALLOY®	Yellow	HGST-K-(*)
T	Copper-Constantan	Copper	Constantan	Blue	HGST-T-(*)
J	Iron-Constantan	Iron	Constantan	Black	HGST-J-(*)
E	CHROMEALLOY®-Constantan	CHROMEALLOY®	Constantan	Purple	HGST-E-(*)
R/S	Pt/13%Rh-Pt	Copper	RNX/SNX	Green	HGST-R/S-(*)
U	Uncompensated	Copper	Copper	White	HGST-U-(*)
N	OMEGALLOY®	OMEGA-P®	OMEGA-N®	Orange	HGST-N-(*)

* To order, specify "M-S" for male connector with solid pin only, or "F" for female connector only
[†]J, K, T, S and B 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.