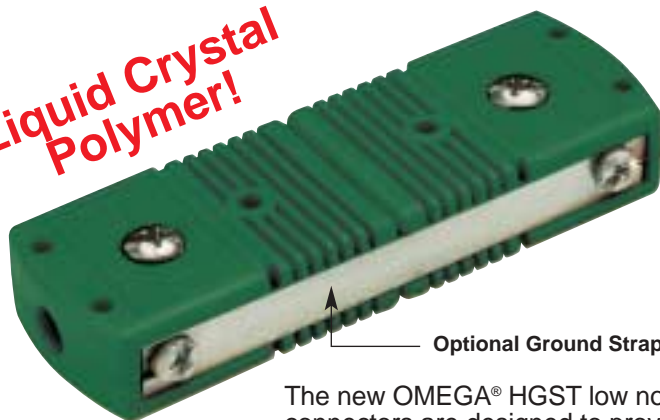


# Very High Performance, Low Noise, **High Temperature Standard** Connectors Type HGST Liquid Crystal Polymer Rated to 260°C (500°F)

**Liquid Crystal  
Polymer!**



Optional Ground Strap

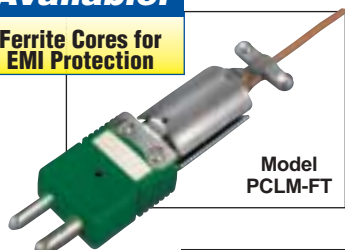
- ✓ Connector Ground Protects Against Electrical Noise Errors
- ✓ Connection Prevents Signal Loss Due to Vibration or Wire Movement
- ✓ Write-On Window
- ✓ Environmentally Friendly Cadmium-Free Liquid Crystal Polymer Shell



Write-On Window

Shown Actual Size

**Also Available!**  
Ferrite Cores for EMI Protection



Model PCLM-FT

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

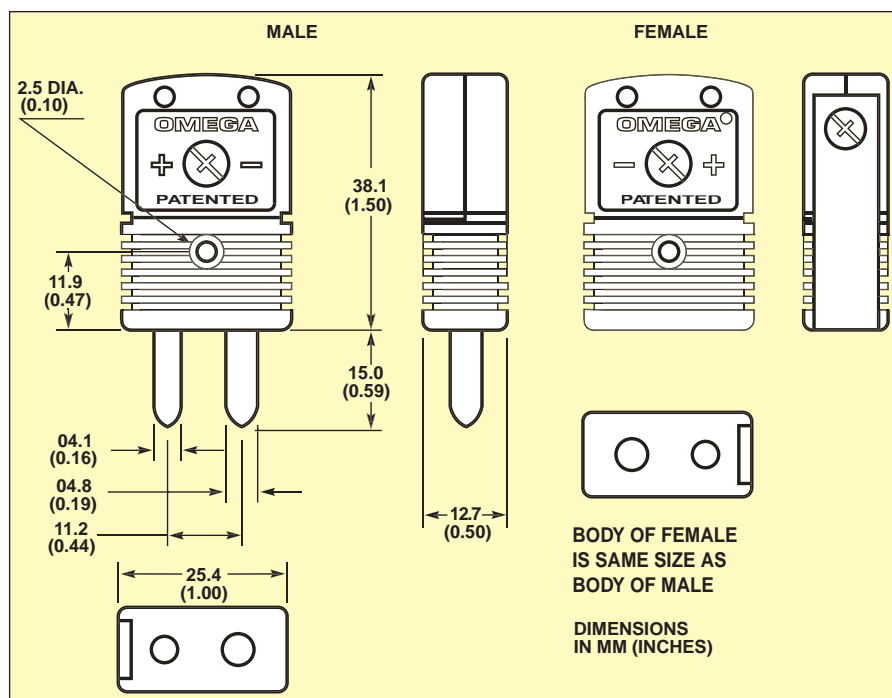
See Accessory Hardware Page for Standard Size Connectors

The new 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 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. Ground straps may be ordered separately 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.



See Section A for Low Noise Thermocouple Probes





Standard size  
connectors  
shown actual size

£770

Basic Pair

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



**EMI/RFI Problems?**  
& **analab®** Can Help!

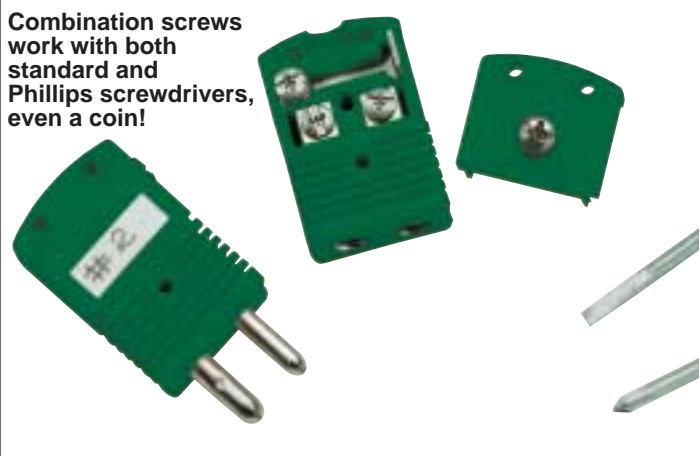
Complete EMC and FCC  
Compliance Testing and  
Technical Assistance.  
For Complete Information  
See [analab1.com](http://analab1.com)



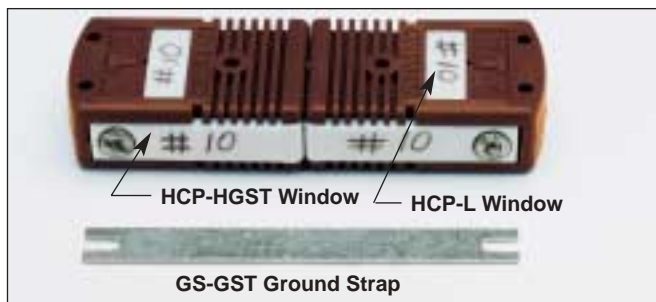
Accepts Stranded  
or Solid Wire up  
to 1.6mm Dia

**Accessories**  
Twisted and Shielded  
Thermocouple Wire,  
See Section G  
Low Noise  
Standard Size  
Thermocouples,  
See Section A

Combination screws  
work with both  
standard and  
Phillips screwdrivers,  
even a coin!



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



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

### Accessories

Model No.	Price	Description
HCP-L	£0.80/pkg of 5	Write-on window for HGST connector face
HCP-HGST	£0.80/pkg of 5	Write-on window for HGST connector side
GS-GST-10	£2.30/pkg of 10	Ground straps

### To Order (Specify Model Number)

### IN STOCK FOR FAST DELIVERY!

Alloy Code <sup>†</sup>	Type of Thermocouple Used With Connector	Compensating Alloy Used in Connector		Shell Colour	Model Number	Price		
		+	-			Pair (MF)	Female (F)	Male (M)
K	CHROMEGLA™-ALOMEGA™	CHROMEGLA™	ALOMEGA™	Green	IEC-HGST-K-(* )	£7.70	£4.70	£3.00
T	Copper-Constantan	Copper	Constantan	Brown	IEC-HGST-T-(* )	7.70	4.70	3.00
J	Iron-Constantan	Iron	Constantan	Black	IEC-HGST-J-(* )	7.70	4.70	3.00
E	CHROMEGLA™-Constantan	CHROMEGLA™	Constantan	Violet	IEC-HGST-E-(* )	7.70	4.70	3.00
R/S	Pt/13%Rh-Pt	Copper	Alloy #11	Orange	IEC-HGST-R/S-(* )	7.70	4.70	3.00
U	Uncompensated	Copper	Copper	White	IEC-HGST-U-(* )	7.70	4.70	3.00
N	OMEGALLOY™	OMEGA-P™	OMEGA-N™	Pink	IEC-HGST-N-(* )	7.70	4.70	3.00

\* To Order: Specify "MF" for a connector pair, "M" for male connector only, or "F" for female connector only.

<sup>†</sup>J, K, T, S and B are IEC 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: IEC-HGST-K-M, type K Male connector, £3.00