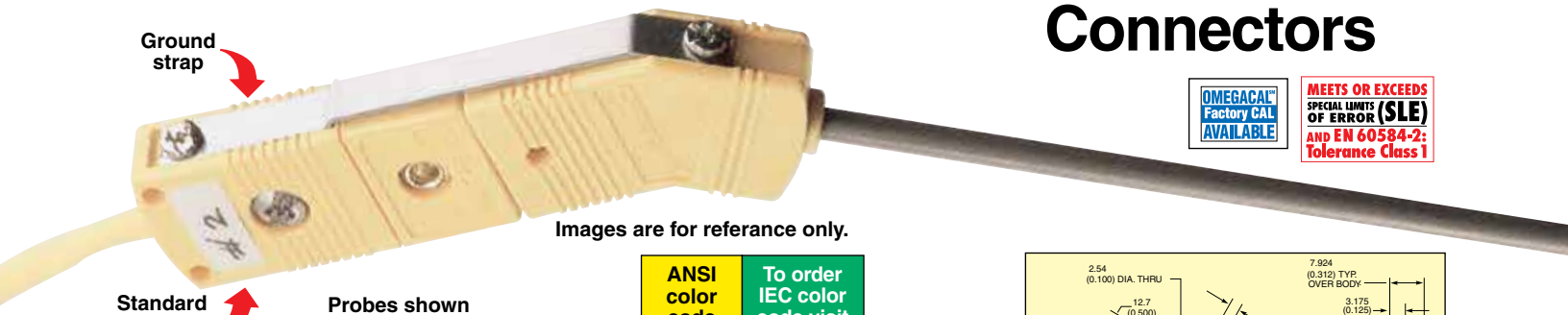
Low Noise Thermocouple Probes with High Temperature Miniature Connectors

OMEGA™



Images are for referance only.

Probes shown close to actual size.

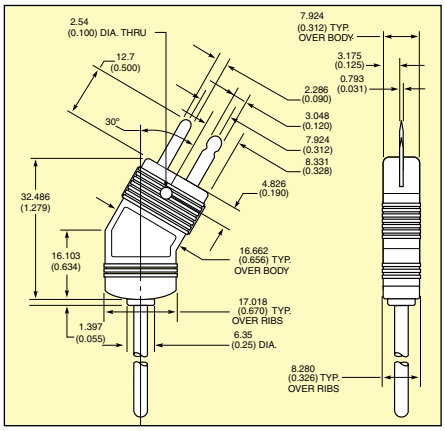
OMEGACAL™ Factory CAL AVAILABLE

MEETS OR EXCEEDS SPECIAL LIMITS OF ERROR (SLE) AND EN 60584-2: Tolerance Class 1

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

- **Connector Body Temperature Ratings: 260°C (500°F) Continuous and 315°C (600°F) Intermittent**
- **Environmentally Friendly Cadmium-Free Liquid Crystal Polymer Material**
- **Mating Connector, Cable Clamp Sold Separately**
- **Ground Strap Connection Provides Protection Against Electrical Noise**
- **Ground Strap Provides Additional Mechanical Rigidity**
- **Write-on Area for Easy Identification on Female Connector**
- **Compatible with Standard Style Probes and Connectors**
- **Cal 5 Available**

The Omega™ low noise thermocouple probes and connectors maintain an electrical connection from the sheath of the probe, through the connectors, all the way to your instrumentation. This system assures high accuracy measurements, providing protection against electrical noise. The external strap maintains the electrical connection of the ground wire, and also strengthens the mechanical connection between the two connectors. The female connector features a handy write-on area, for easy identification.



Extra Replacement Write-On Windows—Sold in Pkg. of 5

Model No.	Description
WCP-S	Female connector face
WCP-GMQ	Miniature size probe side
WCP-GMP	GMP connector side

150 mm (6") and 300 mm (12") Lengths†

To Order

Thermocouple Alloy	Sheath Dia. mm (inch)	Model No. 150 mm (6") Length	Model No. 300 mm (12") Length
IRON-CONSTANTAN 304 SS Sheath J	1.0 (0.040)	HGJMQSS-040(*)-6	HGJMQSS-040(*)-12
	1.5 (0.062)	HGJMQSS-062(*)-6	HGJMQSS-062(*)-12
	3.0 (0.125)	HGJMQSS-125(*)-6	HGJMQSS-125(*)-12
CHROMEGA™-ALOMEGA™ 304 SS Sheath K	1.0 (0.040)	HGKMQSS-040(*)-6	HGKMQSS-040(*)-12
	1.5 (0.062)	HGKMQSS-062(*)-6	HGKMQSS-062(*)-12
	3.0 (0.125)	HGKMQSS-125(*)-6	HGKMQSS-125(*)-12
CHROMEGA™-CONSTANTAN 304 SS Sheath E	1.0 (0.040)	HGEMQSS-040(*)-6	HGEMQSS-040(*)-12
	1.5 (0.062)	HGEMQSS-062(*)-6	HGEMQSS-062(*)-12
	3.0 (0.125)	HGEMQSS-125(*)-6	HGEMQSS-125(*)-12
COPPER-CONSTANTAN 304 SS Sheath T	1.0 (0.040)	HGTMQSS-040(*)-6	HGTMQSS-040(*)-12
	1.5 (0.062)	HGTMQSS-062(*)-6	HGTMQSS-062(*)-12
	3.0 (0.125)	HGTMQSS-125(*)-6	HGTMQSS-125(*)-12

** Specify junction type: "**E**" (Exposed), "**G**" (Grounded), or "**U**" (Ungrounded). Extra ground straps, **GS-GMQ-10,** for additional cost.*
† Other Lengths available, consult Sales Department
To Order Inconel Sheath**, change "**SS**" in model number to "**IN**", no additional charge. **Example: HGKMQIN-040(*)-6
To Order with 321 SS Sheath**, change '**SS**' in model number to '**321SS**'. No additional charge. **Example: HGKMQ321SS-040(*)-6
***Ordering Example: HGKMQSS-125G-6**, subminiature quick disconnect probe Type K, stainless steel sheath, 3 mm (0.125") OD, 150 mm (6") long, grounded junction.*
***Ordering Example: HGKMQSS-062G-6**, subminiature quick disconnect probe Type K, stainless steel sheath, 1.5 mm (0.062") OD, 150 mm (6") long, grounded junction.*

1.888.610.7664 www.calcert.com sales@calcert.com

Accessories

Thermocouple Alloy	Model Number 6" Length	Model Number 12" Length	Mating Connector Model No.	Cable Clamp Model No.	Ground Strap Model No.
IRON-CONSTANTAN 304 SS Sheath J	**HGJMQSS-040(*)-6** **HGJMQSS-062(*)-6** **HGJMQSS-125(*)-6**	**HGJMQSS-040(*)-12** **HGJMQSS-062(*)-12** **HGJMQSS-125(*)-12**	**HMPW-J-F**	**PCLM**	**GS-GMQ**
CHROMEGA™-ALOMEGA™ 304 SS Sheath K	**HGKMQSS-040(*)-6** **HGKMQSS-062(*)-6** **HGKMQSS-125(*)-6**	**HGKMQSS-040(*)-12** **HGKMQSS-062(*)-12** **HGKMQSS-125(*)-12**	**HMPW-K-F**		
CHROMEGA™-CONSTANTAN 304 SS Sheath E	**HGEMQSS-040(*)-6** **HGEMQSS-062(*)-6** **HGEMQSS-125(*)-6**	**HGEMQSS-040(*)-12** **HGEMQSS-062(*)-12** **HGEMQSS-125(*)-12**	**HMPW-E-F**		
COPPER-CONSTANTAN 304 SS Sheath T	**HGTMQSS-040(*)-6** **HGTMQSS-062(*)-6** **HGTMQSS-125(*)-6**	**HGTMQSS-040(*)-12** **HGTMQSS-062(*)-12** **HGTMQSS-125(*)-12**	**HMPW-T-F**		

All Accessories Sold Seperately.

** Specify junction type: "E" (Exposed), "G" (Grounded), or "U" (Ungrounded). Extra ground straps, GS-GMQ-10, for additional cost.*