

# Most Popular Miniature Connectors

Type SMPW Glass Filled Nylon

-29 to 220°C (-20 to 425°F) Service Temperature

Type HMPW Liquid Crystal Polymer

260°C (500°F) Service Temperature

**MONOGRAM<sup>®</sup>**  
**SERIES**

## HMPW/SMPW Basic Pair

- ✓ Heavy Duty Construction
- ✓ Color-Coded for ANSI and IEC
- ✓ Captive Cover Screws
- ✓ Accepts Stranded or Solid Wire up to Size 20 AWG
- ✓ Quick Connect Contact Washers
- ✓ Internal Wire Divider
- ✓ Combination Phillips/Slot Screws
- ✓ Type HMPW Environmentally Friendly Cadmium-Free

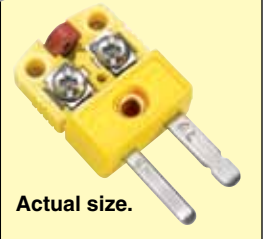
Silicone Wire Grommet SR-SMP.

Liquid Crystal Polymer!

Shown larger than actual size.

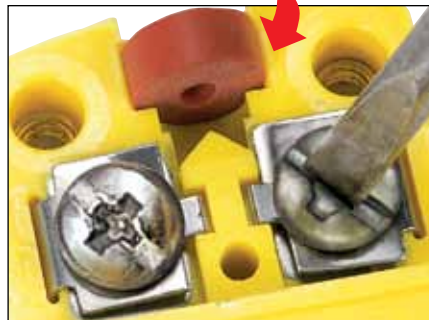
Glass-Filled Nylon!

Chisel point male contacts.



Removable/reversible write-on window at no extra charge.

Internal wire divider.



Crimp Style Brass and Stainless Steel Bushing

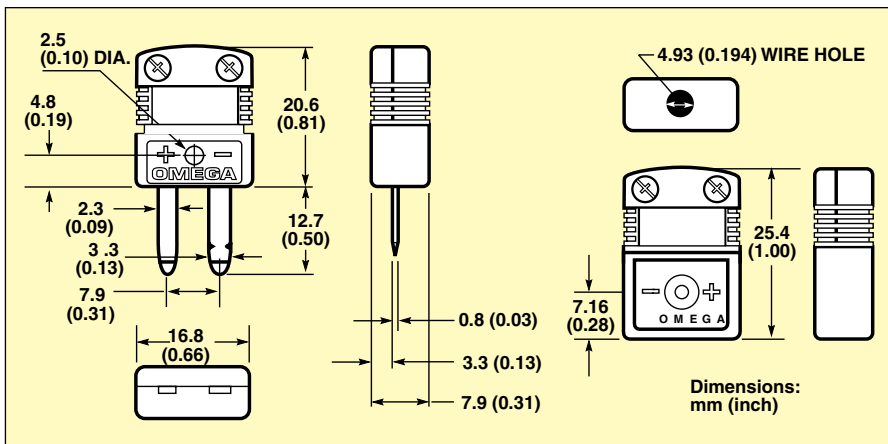


Available in sizes to fit 0.020 to 0.125" and 1.5 and 3.0 mm diameter probes, visit [omega.com](http://omega.com)

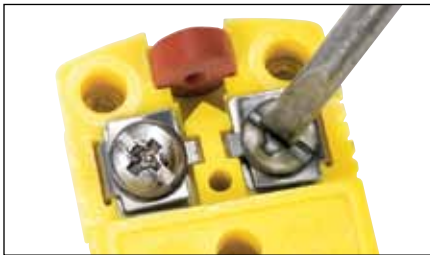
SMPW — Glass-Filled Nylon  
HMPW — Cadmium Free Liquid Crystal Polymer  
Shown smaller than actual size.

Visit [omega.com](http://omega.com) to See OMEGA's Complete Selection of Connector Accessories

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



The write-on connector is a trademark of OMEGA Engineering, Inc. Additional write-on windows available, order WCP-S, pkg of 5.



Quick connect contact washers. Additional washers available, order CW-SMP-20, pkg of 20, or CW-SMP-100, pkg of 100

Removable/reversible write-on window at no extra charge.

HMPW

SMPW

Liquid crystal polymer miniature connector shown actual size.

**Also Available!**

Transmitters and Ferrite Cores for EMI Protection

STCTX built-in 4 to 20 mA transmitter.

**PATENTED**

PCLM-SMP-FT cable clamp with ferrite core for EMI protection. Connector sold separately.

Order additional silicone wire grommets! SR-SMP-10, pkg of 10 or SR-SMP-100, pkg of 100

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

**To Order** Visit [omega.com/smpw\\_smp\\_hmp\\_hmpw](http://omega.com/smpw_smp_hmp_hmpw) for Pricing and Details

Alloy Code†	Compensating Alloy Used in Connector		Shell Color	Glass-Filled Nylon Model Number w/Window	Liquid Crystal Polymer Model Number w/Window
	+	-			
<b>K</b>	Chromega®	Alomega®	Yellow	SMPW-K-(* )	HMPW-K-(* )
<b>T</b>	Copper	Constantan	Blue	SMPW-T-(* )	HMPW-T-(* )
<b>J</b>	Iron	Constantan	Black	SMPW-J-(* )	HMPW-J-(* )
<b>E</b>	Chromega®	Constantan	Purple	SMPW-E-(* )	HMPW-E-(* )
<b>R/S</b>	Copper	RNX/SNX	Green	SMPW-R/S-(* )	HMPW-R/S-(* )
<b>G</b>	GPX	GNX	Red/Grn	SMPW-G-(* )	HMPW-G-(* )
<b>C</b>	CPX	CNX	Red	SMPW-C-(* )	HMPW-C-(* )
<b>D</b>	DPX	DNX	Red/Wht	SMPW-D-(* )	HMPW-D-(* )
<b>U</b>	Copper	Copper	White	SMPW-U-(* )	HMPW-U-(* )
<b>N</b>	Omega-P®	Omega-N®	Orange	SMPW-N-(* )	HMPW-N-(* )

\*To Order: Specify "MF" for a connector pair, "M" for male connector only, or "F" for female connector only.  
 †J, K, T, E, R, S and B are ANSI designations. OMEGALLOY® is generically known as Nicrosil-Nisil. ANSI color coded models shown.  
 Note: Non-Window models available, please consult Sales for details.  
 Type U (uncompensated) connectors are used with Type B thermocouples (Pt/6%Rh-Pt/30%Rh).  
 Ordering Examples: SMPW-K-MF, glass-filled nylon, Type K connector pair. SMPW-K-M, glass-filled nylon, Type K male connector. SMPW-K-F, glass-filled nylon, Type K female connector. HMPW-K-MF, liquid crystal polymer, Type K connector pair.