

# Most Popular Miniature

**Connectors Type SMPW Glass Filled Nylon  
-29 to 180°C (-20 to 356°F) Service Temperature**

**Type HMPW Liquid Crystal Polymer  
-29 to 260°C (-20 to 500°F) Service Temperature**

## HMPW/SMPW

- ✓ 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.

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

Liquid Crystal Polymer!

Shown larger than actual size.

Glass-Filled Nylon!

Chisel point male contacts.

SMPW  
-29 to 180°C



HMPW  
-29 to 260°C



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

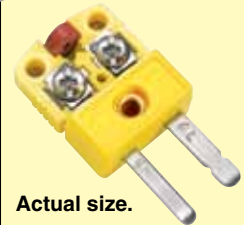
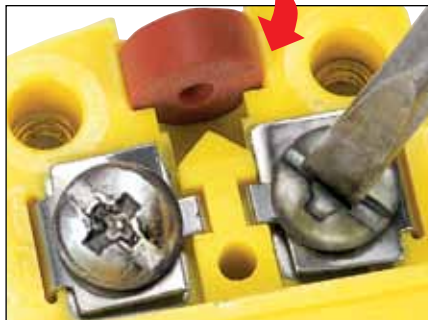
Internal wire divider.

SMPW — Glass-Filled Nylon  
HMPW — Cadmium Free Liquid Crystal Polymer

Shown smaller than actual size.

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

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



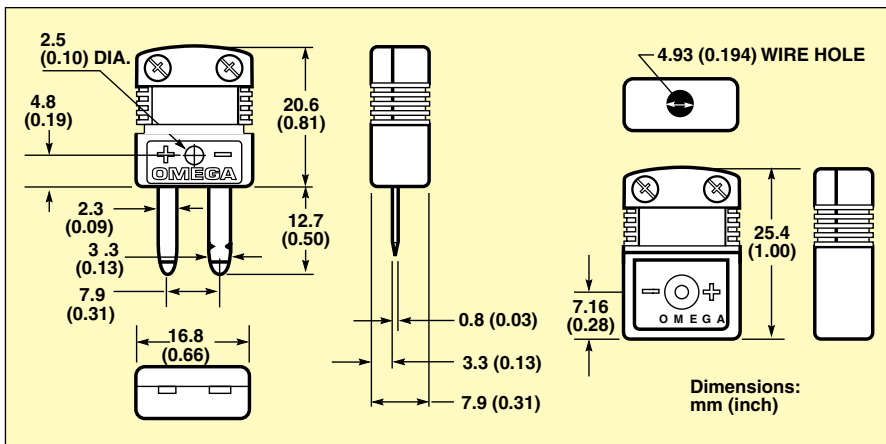
Actual size.

Crimp Style Brass and Stainless Steel Bushing

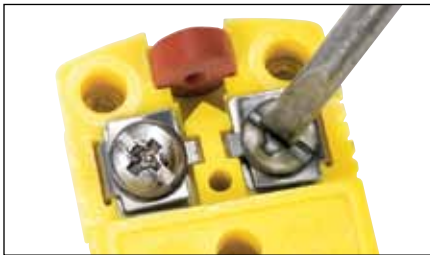


Available in sizes to fit 0.020 to 0.125" and 1.5 and 3.0 mm diameter probes, visit us online.

For OMEGA's Selection of Connector Accessories Visit Us Online



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    |                                      |            |             |  |  |
|-------------|--------------------------------------|------------|-------------|--|--|
| 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>    | CHROMEGLA®                           | 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>    | CHROMEGLA                            | 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 "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-M, glass-filled nylon, Type K male connector. SMPW-K-F, glass-filled nylon, Type K female connector.