

Ferrite Core Miniature Connectors

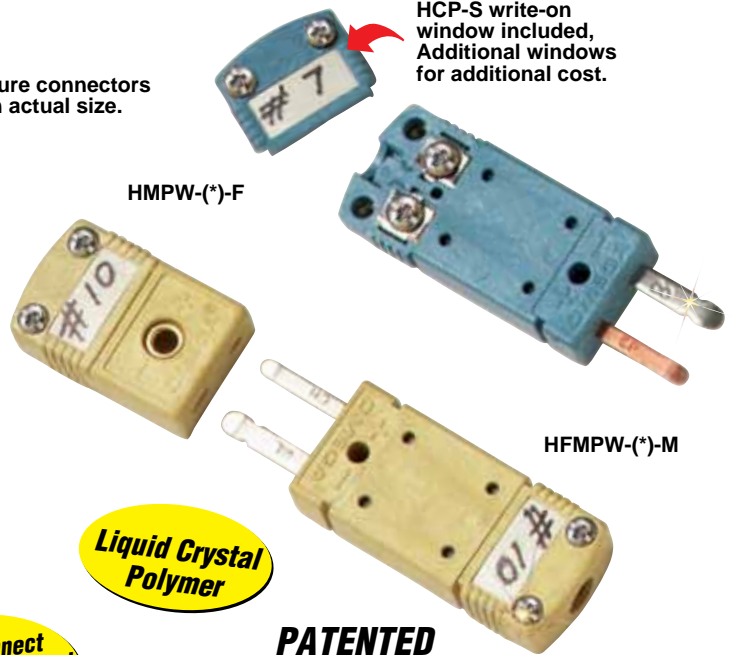
Male Connector Features Molded-In Nickel-Zinc Ferrite Cores For EMI/RFI Suppression

HMPW/HFMPW Series

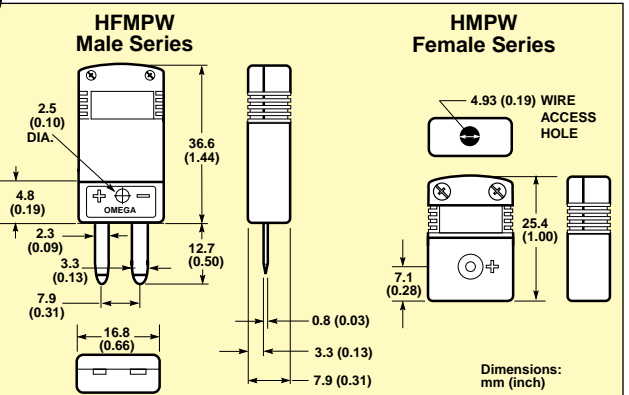
Miniature connectors shown actual size.

HCP-S write-on window included, Additional windows for additional cost.

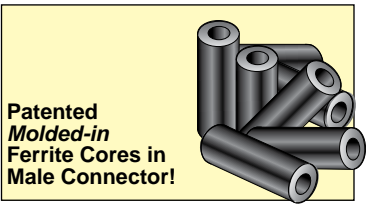
- ✓ High Temperature Liquid Crystal Polymer
- ✓ Male Designed for Suppression of Electromagnetic Interference (EMI)
- ✓ Temperature Ratings:
 - Ferrite Core Effectiveness: 120°C (248°F)
 - LCP Material: 260°C (500°F)
- ✓ Write-on Window for Easy Labeling
- ✓ Color-Coded Calibration, Earth-Tone Colors
- ✓ Environmentally Friendly Cadmium-Free LCP Shell
- ✓ Heavy Duty Construction
- ✓ Accepts Stranded and Solid Wire up to Size 20 AWG
- ✓ Combination Phillips Slotted Captive Cover Screws
- ✓ Internal Wire Divider
- ✓ Male Connector Impedance ($\pm 20\%$):
 - 55 Ω @ 25 MHz; 90 Ω @ 100 MHz



Quick Connect Contact Washers and Wire Strain Relief Included FREE!



For a complete selection of miniature size connector accessories visit us on-line



| To Order | | | | | | |
|-------------|--|--------------------------------------|------------|-------------|------------------|------------------------------------|
| Alloy Code† | Type of Thermocouple Used With Connector | Compensating Alloy Used in Connector | | Shell Color | Female Model No. | Male Model No. (With Ferrite Core) |
| | | + | - | | | |
| K | CHROMECA®-ALOMEGA® | CHROMECA | ALOMEGA | Yellow | HMPW-K-F | HFMPW-K-M |
| T | Copper-Constantan | Copper | Constantan | Blue | HMPW-T-F | HFMPW-T-M |
| J | Iron-Constantan | Iron | Constantan | Black | HMPW-J-F | HFMPW-J-M |
| E | CHROMECA-Constantan | CHROMECA | Constantan | Purple | HMPW-E-F | HFMPW-E-M |
| R/S | Pt/13%Rh-Pt | Copper | RNX/SNX | Green | HMPW-R/S-F | HFMPW-R/S-M |
| C | W/5%Re-W/26%Re | CPX | CNX | Red | HMPW-C-F | HFMPW-C-M |
| U | Uncompensated | Copper | Copper | White | HMPW-U-F | HFMPW-U-M |
| N | OMEGALLOY® | OMEGA-P® | OMEGA-N® | Orange | HMPW-N-F | HFMPW-N-M |

† Types J, K, T, E, R, S and B are ANSI designations. OMEGALLOY is generically known as Nicrosil-Nisil.
 Note: Type U (uncompensated) connectors are used with Type B thermocouples (Pt/6%Rh-Pt/30%Rh).
 Ordering Examples: HFMPW-K-M, high temperature subminiature male write-on connector with molded in ferrite core, Type K calibration, and HMPW-K-F, high temperature subminiature female write-on connector, Type K calibration, (please order as separate line items).
 HFMPW-R/S-M, high temperature subminiature male write-on connector with molded ferrite core, Type R/S.