

# Ferrite Core Miniature Connectors

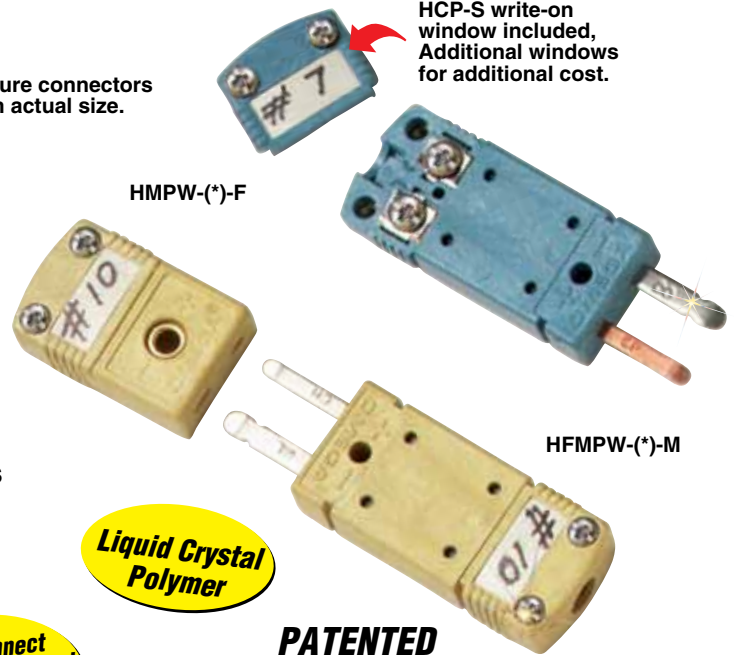
## Male Connector Features Molded-In Nickel-Zinc Ferrite Cores For EMI/RFI Suppression

### HMPW/HFMPW Series

- ✓ 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  $\Omega$  @ 25 MHz; 90  $\Omega$  @ 100 MHz

Miniature connectors shown actual size.

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



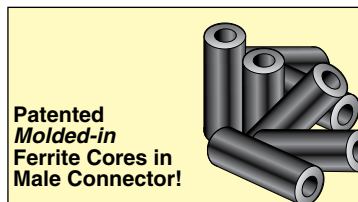
Quick Connect Contact Washers and Wire Strain Relief Included FREE!

Liquid Crystal Polymer

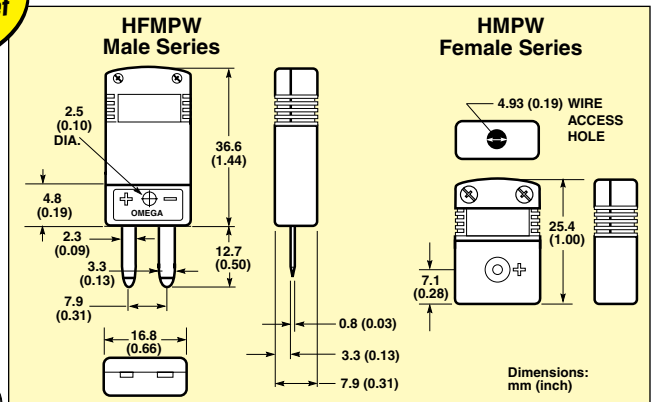
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Note: Mating female connectors supplied without ferrite cores. If required, use PCLM-SMP-FT.

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



Patented Molded-in Ferrite Cores in Male Connector!



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	CHROMEKA®-ALOMEGA®	CHROMEKA	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	CHROMEKA-Constantan	CHROMEKA	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.