

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 Ω @ 25 MHz; 90 Ω @ 100 MHz

Miniature connectors shown actual size.



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

HMPW-(*)-F

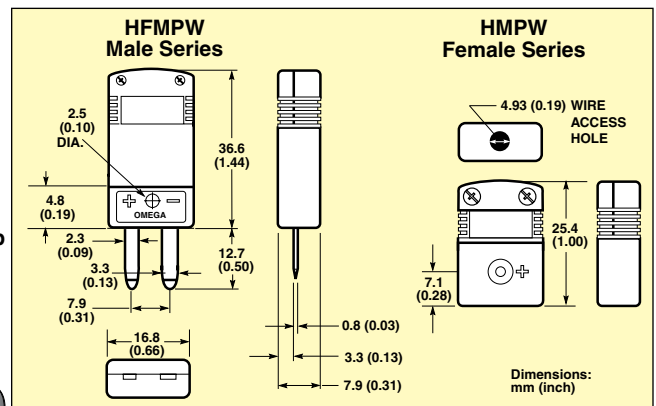


HFMPW-(*)-M

Liquid Crystal Polymer

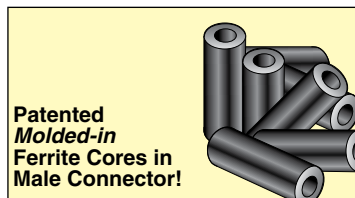
PATENTED

Quick Connect Contact Washers and Wire Strain Relief Included FREE!



For a complete selection of miniature size connector accessories visit newportUS.com

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



To Order visit newportUS.com/HMPW_F for Pricing and Details

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.