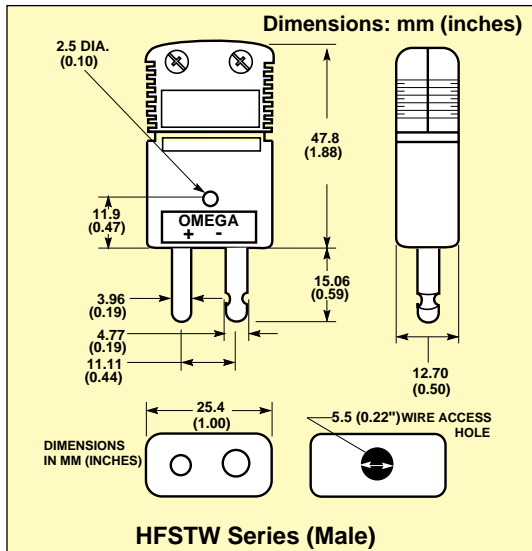
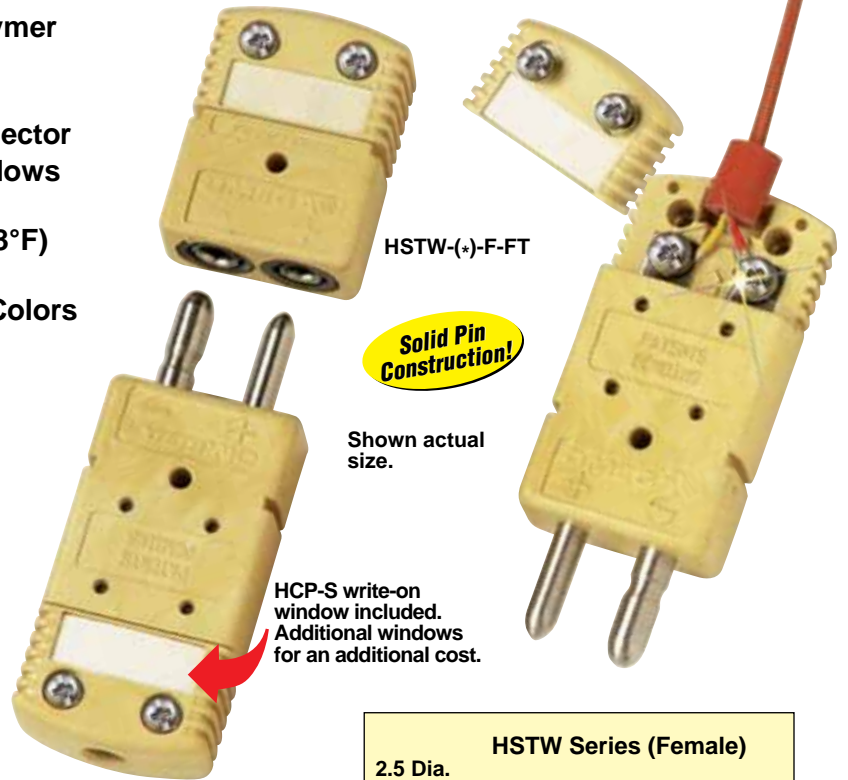


# Ferrite Core Standard Connectors

## Nickel-Zinc Ferrite Cores for EMI/RFI Suppression

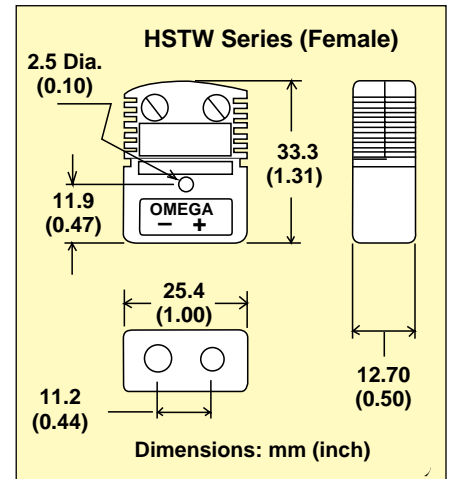


- ✓ High Temperature Liquid Crystal Polymer
- ✓ Designed for Suppression of Electromagnetic Interference (EMI)
- ✓ Extra Heavy-Duty Solid Pin Male Connector
- ✓ Removable/Reversible Write-On Windows
- ✓ Temperature Ratings:  
 Ferrite Core Effectiveness: 120°C (248°F)  
 LCP Material: 260°C (500°F)
- ✓ Color-Coded Calibration, Earth-Tone Colors
- ✓ Cadmium-Free LCP Shell
- ✓ Heavy Duty Construction
- ✓ Accepts Stranded or Solid Wire up to Size 14 AWG
- ✓ Combination Phillips/Slotted Captive Cover Screws
- ✓ Impedance ( $\pm 20\%$ ): 35  $\Omega$  @ 25 MHz;  
70  $\Omega$  @ 100 MHz



HFSTW-(+)-M

**PATENTED**



To Order						
Alloy Code <sup>†</sup>	Type of Thermocouple Used With Connector	Compensating Alloy Used in Connector		Shell Color	Model No. Female	Model No. Male
		+	-			
<b>K</b>	CHROMEQA®-ALOMEGA®	CHROMEQA	ALOMEGA	Yellow	HSTW-K-F-FT	HFSTW-K-M
<b>T</b>	Copper-Constantan	Copper	Constantan	Blue	HSTW-T-F-FT	HFSTW-T-M
<b>J</b>	Iron-Constantan	Iron	Constantan	Black	HSTW-J-F-FT	HFSTW-J-M
<b>E</b>	CHROMEQA-Constantan	CHROMEQA	Constantan	Purple	HSTW-E-F-FT	HFSTW-E-M
<b>R/S</b>	Pt/13%Rh-Pt	Copper	RNX/SNX	Green	HSTW-R/S-F-FT	HFSTW-R/S-M
<b>U</b>	Uncompensated	Copper	Copper	White	HSTW-U-F-FT	HFSTW-U-M
<b>N</b>	OMEGALLOY®	OMEGA-P®	OMEGA-N®	Orange	HSTW-N-F-FT	HFSTW-N-M

<sup>†</sup> 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 Example:** HFSTW-K-M, high temperature standard male write-on connector with molded in ferrite core, Type K calibration, and HSTW-K-F-FT, high temperature standard female write-on connector, Type K calibration (please order as separate line items).