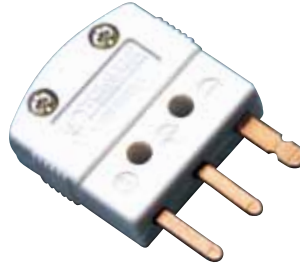


# 3-Prong Miniature Connectors

## For Thermocouples, RTD's and 3-Wire Thermistors

### MTP Series

- ✓ Supplied with Shielded Wire Copper Connection Pin
- ✓ Heavy Duty Construction
- ✓ Color-Coded
- ✓ Accepts Stranded or Solid Wire up to Size 20 AWG
- ✓ Combination Phillips/Slot Screws
- ✓ Glass-Filled Nylon Rated from -29 to 180°C (-20 to 356°F)



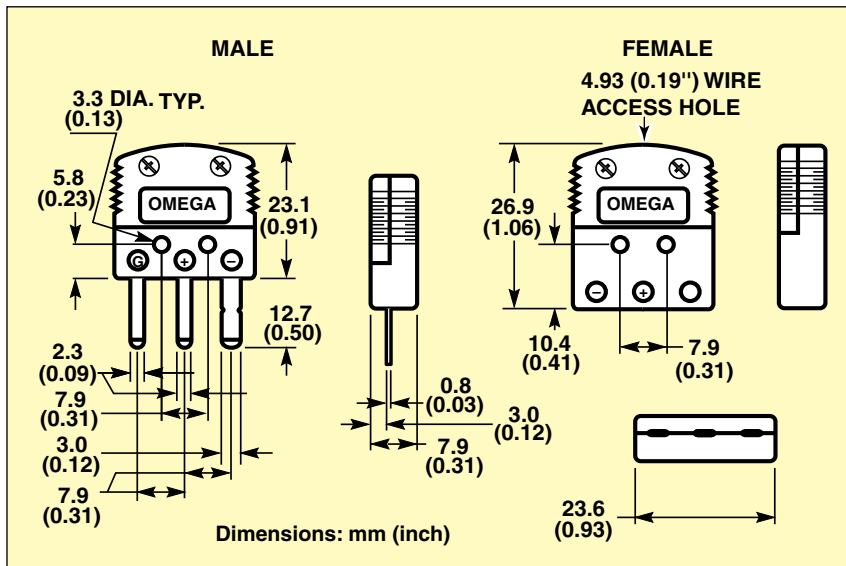
Miniature uncompensated version male and female shown actual size.

For OMEGA's Selection of Connector Accessories Visit Us Online

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

Maximum wire diameter is 3 mm (0.125").

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



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

**Also Available!**

Transmitters and Ferrite Cores for EMI Protection

SPRTX, 2-wire RTD connector/transmitter.

PCLM-SMP-FT cable clamp with ferrite core for EMI protection. Connector sold separately.

PATENTED

### To Order

Alloy Code†	Type of Thermocouple Used with Connector	Compensating Alloy Used in Connector			Model No. ANSI Shell Color	Color Code
		+	-	G		
<b>K</b>	CHROMEALLOY®-ALOMEALLOY®	CHROMEALLOY	ALOMEALLOY	Copper	Yellow	MTP-K-(* )
<b>T</b>	Copper-Constantan	Copper	Constantan	Copper	Blue	MTP-T-(* )
<b>J</b>	Iron-Constantan	Iron	Constantan	Copper	Black	MTP-J-(* )
<b>E</b>	CHROMEALLOY-Constantan	CHROMEALLOY	Constantan	Copper	Purple	MTP-E-(* )
<b>U</b>	Uncompensated	Copper	Copper	Copper	White	MTP-U-(* )
<b>N</b>	OMEGALLOY®	OMEGA-P®	OMEGA-N®	Copper	Orange	MTP-N-(* )

† K, T, J, E, R, S and B are ANSI designations.

\* To order, specify "M" for male connector only, or "F" for female connector only.

OMEGALLOY Type N is generically known as Nicrosil-Nisil.

OMEGA's subminiature connectors are molded of high performance glass-filled nylon. Connectors will accommodate protection tubes from 0.25 mm to 3.17 mm (0.010" to 1/8") O.D. Additional bushings can be purchased for an additional cost; order BB-SMP-1.