

Miniature Connectors

For RTD's and Thermistors

Series "T"



- ✓ Latch Lock Mechanism
- ✓ Polarised by Mechanical Key
- ✓ Three and Four Pin Models
- ✓ Three and Four Wire RTD Applications
- ✓ Well Suited for Most Instrumentation Uses
- ✓ Both Internal Strain Relief and External Flexure Relief

450 Series handheld thermometers.
See www.omega.co.uk

See Section C for a selection of RTD Probes and Section D for a selection of Thermistor Probes and Elements

OMEGA introduces its new "T" Series Miniature Instrumentation Connectors. OMEGA "T" Series Connectors are particularly well suited for both three and four wire RTD sensors as well as other types of instrumentation where copper-type lead wire is used. OMEGA "T" Connectors are not recommended for use with thermocouples which require connectors with special compensating alloys in their construction.

The Series "T" Connector family includes both a male (Model TA-M) and female (Model TA-F) cord plug, as well as two panel/bulkhead receptacles – one male (Model TB-M), the other female (TB-F). All four items are available in both three or four pin contact construction. A trim plate, Model TYEF-02, is available for the female panel receptacle.

Both male and female cord plugs are offered in two styles: with flexure relief, which accepts up to 2.9 mm (0.114") cable diameter, or without flexure relief, which accepts up to 4.4 mm (0.173") cable diameter (add "-L" suffix to model number when ordering). "L" style must be ordered when used with OMEGA's Retractable Sensor Cable (RSC). Connections are made on all styles by solder terminals.

TA ■ F



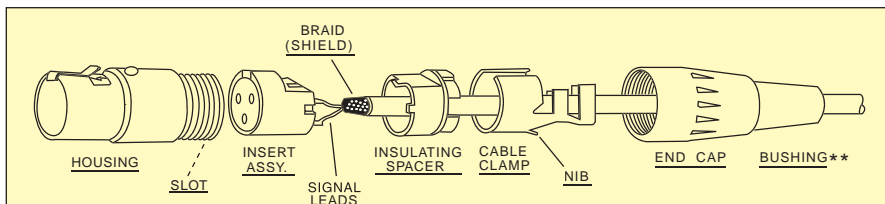
TA ■ M

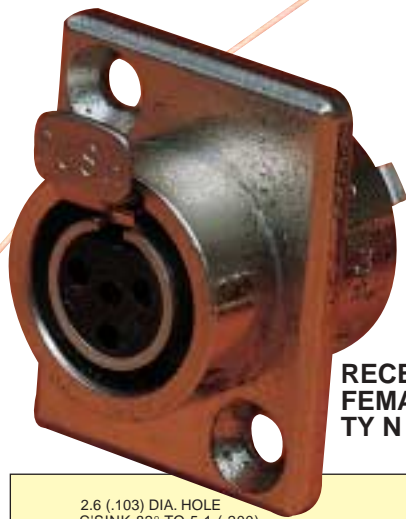


TA ■ FL

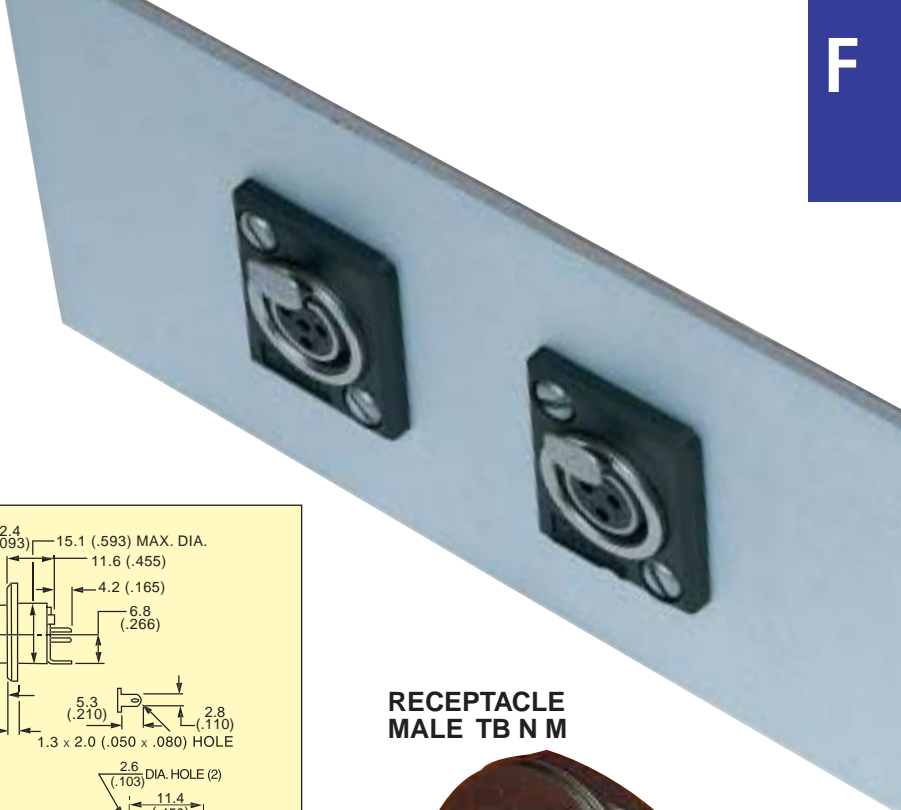


TA ■ ML





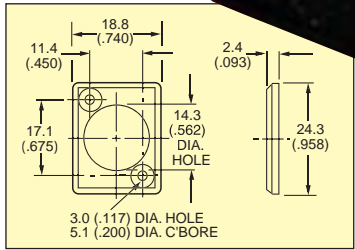
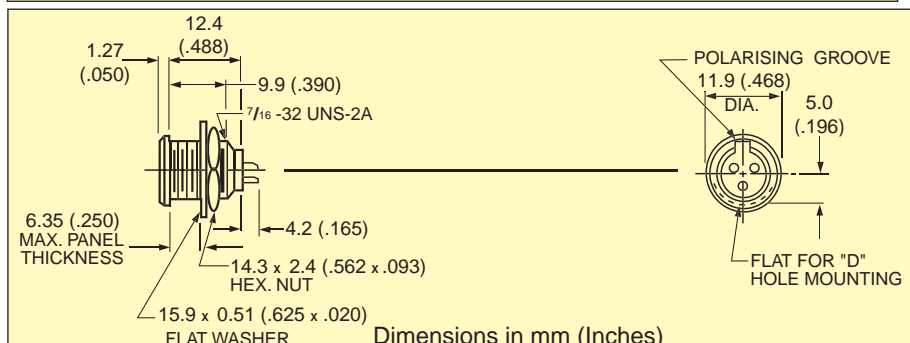
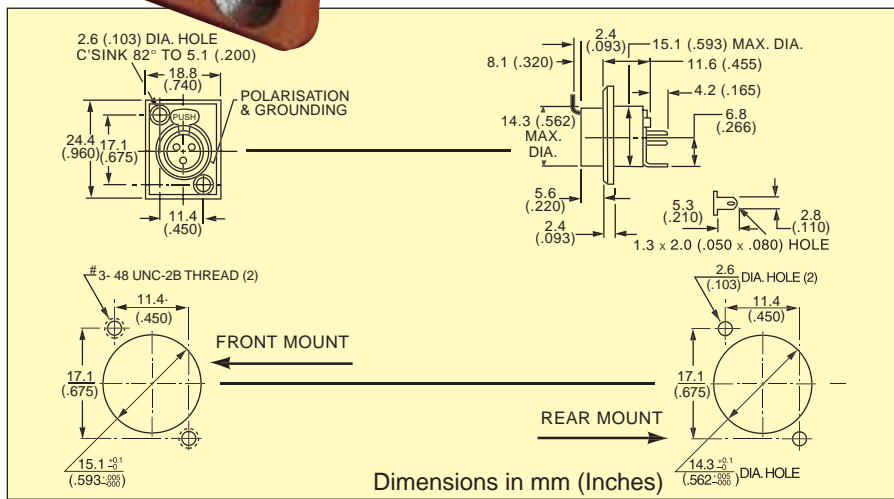
**RECEPTACLE
FEMALE
TY N F**



**RECEPTACLE
MALE TB N M**



**TYEF-02
TRIM
PLATES
£0.55**



To Order (Specify Model Number)					
Item	Male/Female	Max. Cable Dia. (mm/in)	No. Pins at Contact	Model No.	Price
Cord Plug	Male	2.9 (0.114)	3	TA3M*	£4.10
		2.9 (0.114)	4	TA4M**	4.60
	Female	2.9 (0.114)	3	TA3F*	4.90
		2.9 (0.114)	4	TA4F**	5.70
Cord Plug	Male	4.4 (0.173)	3	TA3ML*	4.10
		4.4 (0.173)	4	TA4ML**	4.50
	Female	4.4 (0.173)	3	TA3FL*	4.90
		4.4 (0.173)	4	TA4FL**	5.30
Receptacle	Male	—	3	TB3M	5.50
		—	4	TB4M	5.10
	Female	—	3	TY3F	5.30
		—	4	TY4F	5.90
Trim Plate	—	—	—	TYEF-02	0.55

Note: Connectors can be added to most RTD or thermistor probe cables. Add "-Connector Model (Instrument Model)" to the probe model number and add * £9.80 or **£14 to the price.
Example: PR-11-2-M60-150-TA3M (450APT).