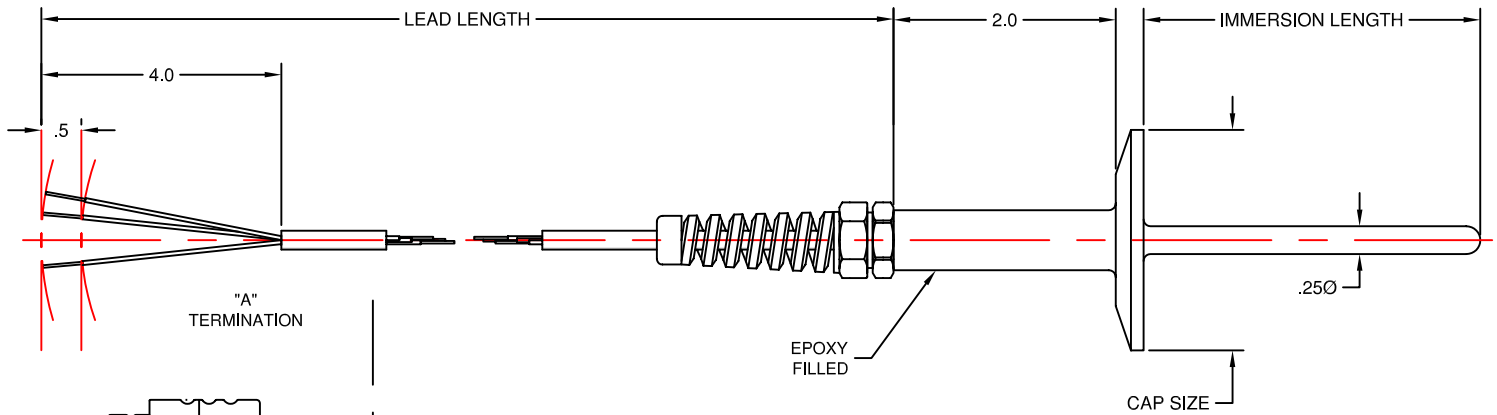
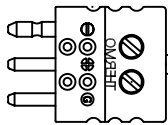


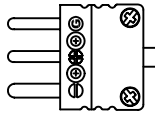
# PHARMACEUTICAL & BIOTECH THERMOCOUPLES & RTD'S



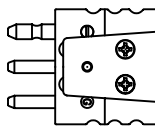
"A" TERMINATION



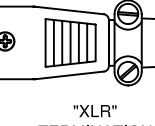
"T" TERMINATION



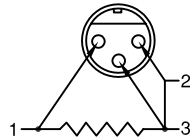
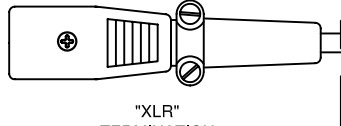
"H3" TERMINATION



"T3" TERMINATION



"XLR" TERMINATION



WIRING DIAGRAM FOR "XLR" TERMINATION  
Mates with ITT Cannon® XLR-3-11C Receptacle

D - CEPCCP - 5L - TRI-.75 - 2.5 - 36 - XLR - CLA

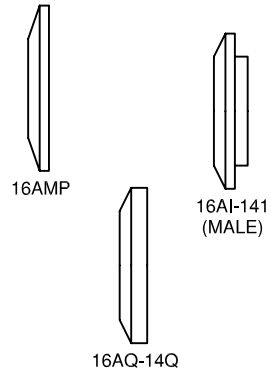
CODE	ACCURACY (ASTM E1137)
	CLASS B (LEAVE BLANK)
CLA	CLASS A

CODE	TERMINATION
A	BARE ENDS
T	THREE PIN PLUG
H3	MINIATURE THREE PIN PLUG
T3	DUPLEX THREE PIN PLUG
XLR	AUDIO "XLR" PLUG (SINGLE ONLY)

CODE	LEAD LENGTH (IN INCHES)

CODE	IMMERSION LENGTH (IN INCHES)

CODE	PROCESS CONNECTION		
	TYPE	SIZE	STYLE
TRI-.75	16AMP	1/2 - 3/4"	TRI-CLAMP® S-LINE® JENSEN®
TRI-1.5	16AMP	1 - 1 1/2"	
TRI-2	16AMP	2"	
TRI-2.5	16AMP	2 1/2"	
TRI-3	16AMP	3"	
ILN-1.5	16AI-141	1 - 1 1/2"	I-LINE® E-LINE®
ILN-2	16AI-141	2"	
ILN-2.5	16AI-141	2 1/2"	
ILN-3	16AI-141	3"	
QLN-1.5	16AQ-14	1 - 1 1/2"	Q-LINE®
QLN-2	16AQ-14	2"	
QLN-2.5	16AQ-14	2 1/2"	
QLN-3	16AQ-14	3"	



### SPECIFICATIONS

- Material: 316/316L Stainless Steel
- Finish: #4, Ra of 32 µin Max.
- Cap Compliance: 3-A Sanitary Standard
- Temperature Range: -58 to +500° F.
- Strain Relief Cord Grip: Nylon
- Lead Wire:
  - Conductor Size: 24 Gauge Stranded
  - Conductor Material: Nickel Clad Copper
  - Insulation: Teflon(FEP), Red/Red/White
  - Jacket: Teflon(FEP), White
- Pin Connectors
  - Body Material: Glass Filled Thermoplastic
  - Polarized Pins
  - Spring Loaded Inserts
  - Maximum Temperature Limit: 390°F (200°C)
- XLR Connectors
  - Shell Material: Aluminum Alloy
  - Contact Material: Copper Alloy
  - Type: Audio, keyed
  - Maximum Temperature Limit: 257°F (125°C)

CODE	STRUCTURE
	SINGLE, 3 WIRE, PLATINUM, 100 OHMS @ 0° C., .00385 TCR (LEAVE BLANK)
D	DUPLEX, 3 WIRE (6 TOTAL), PLATINUM, 100 OHMS @ 0° C., .00385 TCR



TEMPERATURE MEASUREMENT DESIGNER'S GUIDE  
WWW.THERMO-ELECTRIC-DIRECT.COM

## SECTION CEPC

CIP RTD'S with TEFLON(FEP) LEAD WIRE  
SINGLE & DUPLEX CONSTRUCTION

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Doc. No.: TE-CO010109-CEPC-010