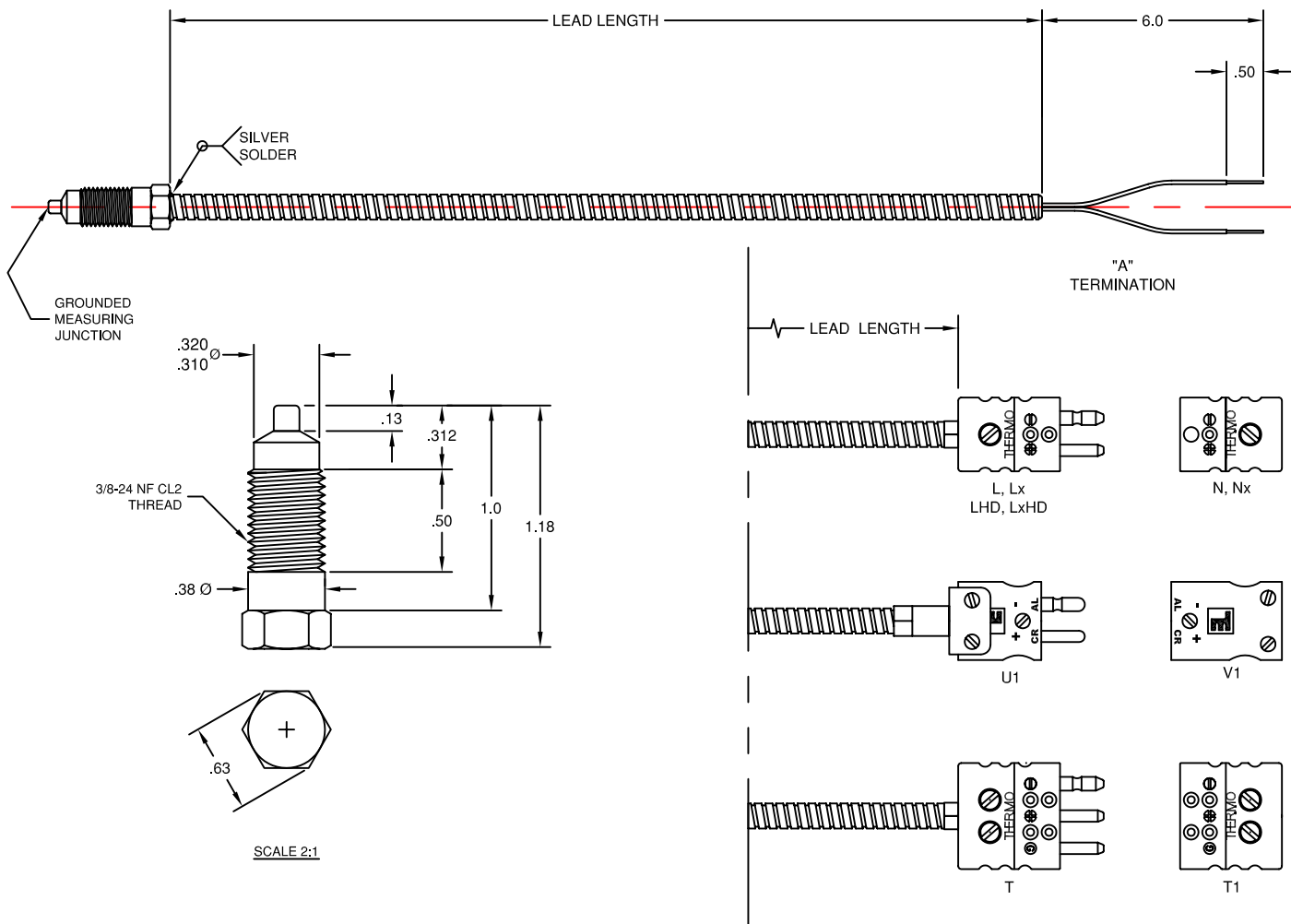


# IMMERSION THERMOCOUPLES



- Notes:
- (1) Meets or exceeds Special Initial Calibration Tolerances per ANSI MC96.1-1982 and ASTM E230-1993
  - (2) Bolt and Sheath available in other materials (Hastelloy C276, 300 series Stn. Stl.).
  - (3) Omit mating connector if not ordered.
  - (4) Available with spade lugs, replace "A" with "LG".
  - (5) For an item that does not fall within the catalog description an (SP) can be added to the ordering code as part of a custom construction.

## ORDERING CODE:

TCPM24340 — CALIBRATION: J — LEAD LENGTH: 36 — 2 — TERMINATION: L / MATING CONNECTOR: N

CODE		CALIBRATION
STD.	SPECIAL (NOTE 1)	
J	JJ	IRON(+) vs CONSTANTAN(-)
K	KK	CHROMEL(+) vs ALUMEL(-)
T	TT	COPPER(+) vs CONSTANTAN(-)
E	EE	CHROMEL(+) vs CONSTANTAN(-)
N	NN	NICROSIL(+) vs NISIL(-)

CODE	LEAD LENGTH (IN INCHES)

CODE	TERMINATION	MATING CONN. (NOTE 3)	
		CODE	TEMPERATURE LIMIT
A	BARE ENDS (NOTE 4)		
L	STANDARD SIZE PLUG	N	390°F(200°C)
LHD	STANDARD SIZE SOLID PIN PLUG	N	390°F(200°C)
Lx	EXTENDED LIMITS PLUG	Nx	660°F(320°C)
LxHD	EXTENDED LIMITS SOLID PIN PLUG	Nx	660°F(320°C)
U1	IMPACT RESISTANT PHENOLIC PLUG	V1	300°F(150°C)
T	THREE PIN PLUG	T1	390°F(200°C)
H	MINIATURE PLUG	K	390°F(200°C)

## SPECIFICATIONS

Thermocouple  
 Sheath Diameter: 1/8"  
 Sheath Material: 300 Series Stn. Stl.  
 Measuring Junction: Grounded  
 Bolt Material: 304 Stainless Steel  
 Lead Wire:  
 Conductor Size: 20 Gauge Stranded  
 Conductor Material: T/C Alloy  
 Insulation: Fiberglass  
 Jacket: Flexible Armor, 300 Series Stn. Stl.



TEMPERATURE MEASUREMENT DESIGNER'S GUIDE  
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SECTION IMTC  
 PLASTIC MELT BOLT THERMOCOUPLES  
 NOZZLE TYPE  
 SINGLE CONSTRUCTION

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Doc. No.: TE-CO010109-IMTC-120