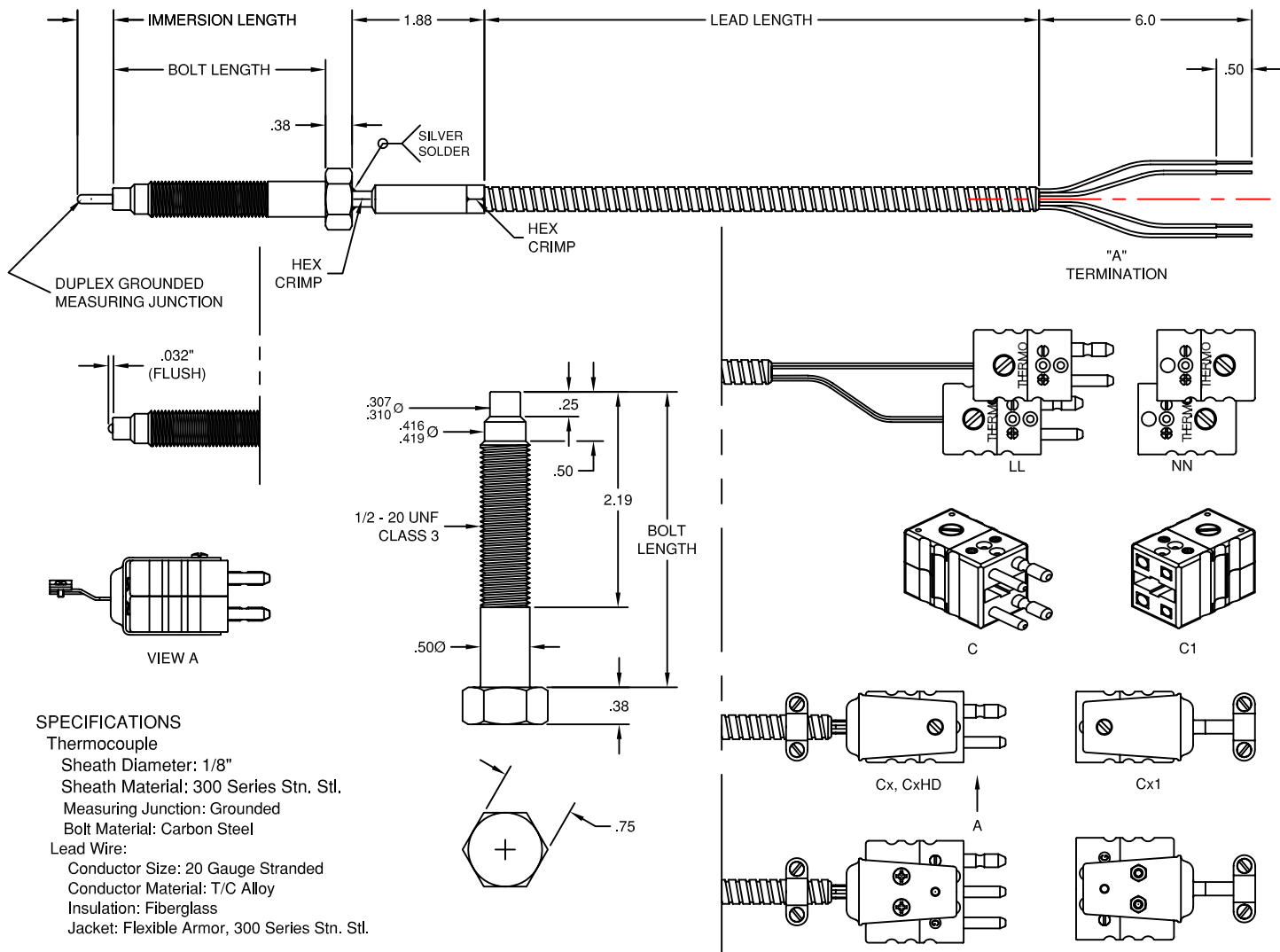


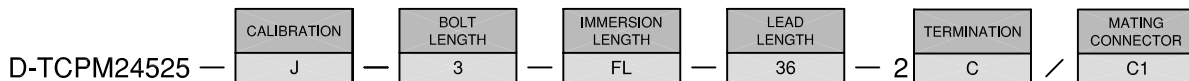
# IMMERSION THERMOCOUPLES



### SPECIFICATIONS

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

### ORDERING CODE:



### 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. Mating connector can be attached to the leads.
- (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.

EXAMPLE: D-TCPM24525-J-3-FL-36-2C/C1

CODE		LEAD LENGTH (IN INCHES)
FL	FLUSH	
1/2	1/2"	
1	1"	

CODE		BOLT LENGTH
3	3"	
6	6"	
9	9"	
12	12"	

CODE	CALIBRATION
J	IRON(+) vs CONSTANTAN(-)
K	CHROMEL(+) vs ALUMEL(-)
T	COPPER(+) vs CONSTANTAN(-)
E	CHROMEL(+) vs CONSTANTAN(-)
N	NICROSIL(+) vs NISIL(-)

CODE	TERMINATION	MATING CONN. (NOTE 6)	TEMPERATURE LIMIT
A	BARE ENDS (NOTE 7)		
C	STANDARD SIZE DUPLEX PLUG	C1	390°F (200°C)
Cx	EXTENDED LIMITS DUPLEX PLUG	Cx1	660°F (320°C)
CxHD	EXT. LIMITS SOLID PIN DUPLEX PLUG	Cx1	660°F (320°C)
T3	THREE PIN DUPLEX PLUG	TT3	390°F (200°C)
LL	TWO STANDARD SIZE 2-PIN PLUGS	NN	390°F (200°C)



## SECTION IMTC

**PLASTIC MELT THERMOCOUPLES**  
 with ARMORED LEAD WIRE  
 DUPLEX CONSTRUCTION

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