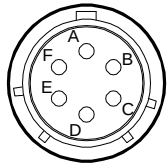


MALE END VIEW

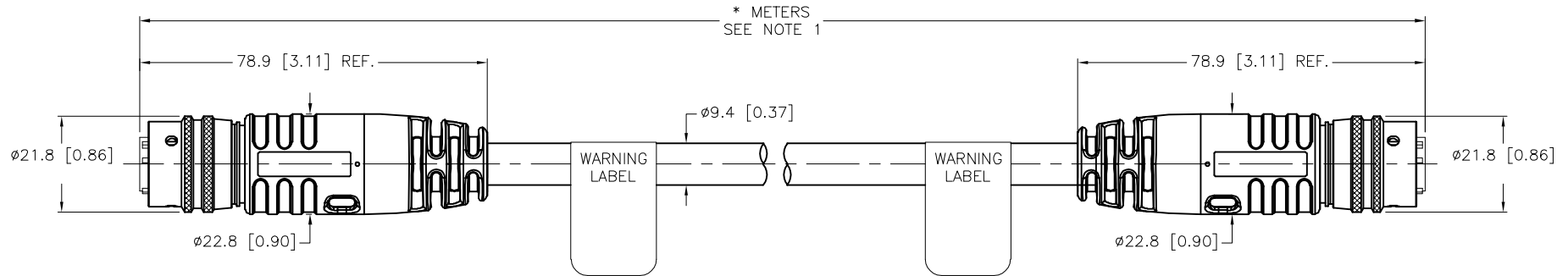


A = N/C
B = N/C
C = BLUE
D = BROWN
E = BLACK
F = WHITE

CONNECTOR
TYPE/STYLE - MS 3116M
SHELL SIZE - 10
INSERT ARRANGEMENT - 6P

SPECIFICATIONS

CONTACT CARRIER MATERIAL	NEOPRENE
MOLDED HEAD MATERIAL/COLOR	PVC/BLACK
CONTACT MATERIAL/PLATING	COPPER ALLOY/GOLD
COUPLING NUT MATERIAL/PLATING	ALUMINUM ALLOY/OLIVE DRAB CHROMATE
MOLD SLEEVE	ALUMINUM/BLACK ANODIZED
RATED CURRENT [A]	8.8 A
RATED VOLTAGE [V]	300 V
OUTER JACKET MATERIAL/COLOR	PVC/BLUE
CONDUCTOR INSULATION MATERIAL	PVC/NYLON (NYLON OVERCOAT)
NUMBER OF CONDUCTORS	5x18 AWG
DRAIN/SHIELD	3x20 AWG/FOIL (PAIRS), FOIL (OVERALL)
TEMPERATURE RATING	-40°C to +105°C (-40°F to +221°F)
PROTECTION CLASS	MEETS NEMA 1,3,4,6P AND IEC IP67,IP68
CONNECTOR TYPE	MIL-DTL-26482
CONDUCTOR ARRANGMENT	2 SHIELDED TWISTED PAIRS W/ DRAINS, 1 GND, 1 DRAIN
CABLE APPROVAL	UL: ITC-ER/PLTC-ER, Direct Burial, 105C CSA: CIC/TC, 90C, 600V C(UL): C22.2 No 245/1309 Marine Shipboard/IEEE 1580



CABLE LENGTH	TOLERANCE *
ALL LENGTHS	+ 4% (OR 50mm) OF LENGTH - 0% (OR 0mm) OF LENGTH WHICHEVER IS GREATER
STRIP LENGTH	TOLERANCE *
0-7mm	±0.5mm
8-29mm	±1.0mm
30-49mm	±2.0mm
50-69mm	±3.0mm
70-100mm	±4.0mm
OVER 100mm	±5.0mm

* UNLESS OTHERWISE SPECIFIED

NOTES:

- "*" INDICATES CABLE LENGTH IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTH.
- "/S1288" DESIGNATES CUSTOM WIRING. FEMALE CONNECTORS HAVE DRAIN WIRE CONNECTED TO PIN B. MALE CONNECTORS, PIN B IS NOT CONNECTED.
- ALL UNUSED CONDUCTORS TRIMMED BACK TO CABLE JACKET ON BOTH ENDS.

**WARNING:**

ELECTRICAL SHOCK HAZARD
CONNECTOR IS TO BE IN THE THE
MATED STATE WHILE ENERGIZED
REMOVE POWER BEFORE SERVICING.

SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS		3RD ANGLE PROJECTION		THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.	TURCK	3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us	
1. 2. 3. 4.							
MATERIAL		DRFT	RDS	DATE	03/30/20	DESCRIPTION	
SEE SPECIFICATIONS		APVD	J.L.	SCALE	1=1.5	MS 3116M-10-6P-1688-* -10-6P/S1288	
FINISH		UNIT OF MEASUREMENT				IDENTIFICATION NO.	
SEE SPECIFICATIONS		MILLIMETER [INCH]				REV	
		DO NOT SCALE THIS DRAWING				B	
		FILE: 777044211				SHEET 1 OF 1	