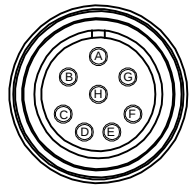


FEMALE END VIEW

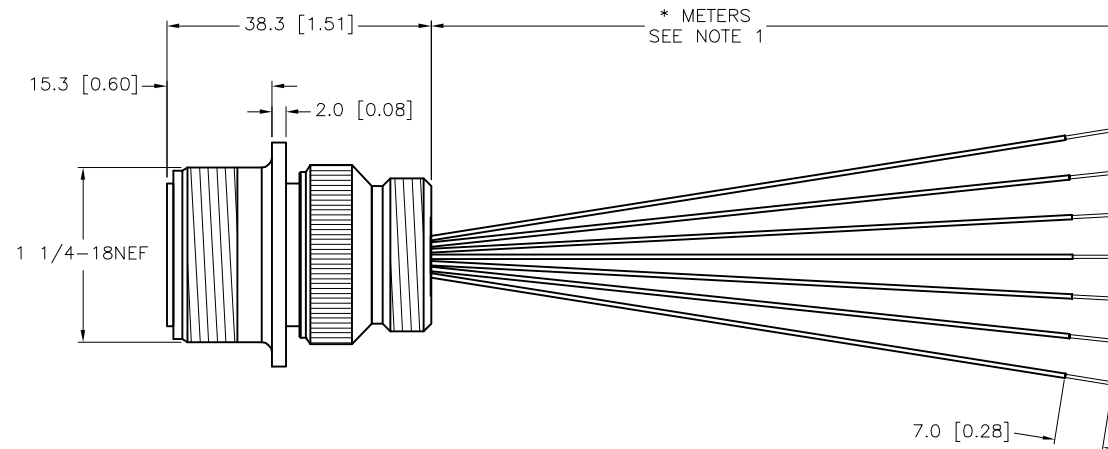
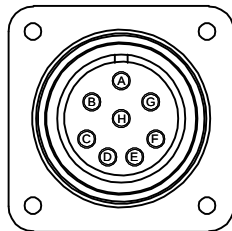


A = ORANGE
B = GREEN
C = RED
D = WHITE
E = BLACK
F = WHITE/BLACK
G = BLUE
H = RED/BLACK

CONNECTOR
TYPE/STYLE - MS 3100A
SHELL SIZE - 20
INSERT ARRANGEMENT - 7S

SPECIFICATIONS

CONTACT CARRIER MATERIAL	NEOPRENE
CONTACT MATERIAL/PLATING	COPPER ALLOY/SILVER
COUPLING NUT MATERIAL/PLATING	ALUMINUM ALLOY/OLIVE DRAB CHROMATE
MOLD SLEEVE	ALUMINUM/BLACK ANODIZED
RATED CURRENT [A]	9.0 A
RATED VOLTAGE [V]	500V (PINS B,C,F,G), 200V (ALL OTHERS)
CONDUCTOR INSULATION MATERIAL	PVC
NUMBER OF CONDUCTORS	8x16 AWG
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-5015

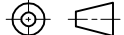
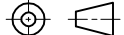
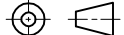


CABLE LENGTH	TOLERANCE*
ALL LENGTHS	+ 4% (OR 50mm) OF LENGTH - 0% (OR 0mm) OF LENGTH WHICHEVER IS GREATER
STRIP LENGTH	TOLERANCE*
0-7mm	±0.5mm
8-29mm	±1.0mm
30-49mm	±2.0mm
50-69mm	±3.0mm
70-100mm	±4.0mm
OVER 100mm	±5.0mm
*UNLESS OTHERWISE SPECIFIED	

NOTES:

1. "*" INDICATES LEAD LENGTH IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTH.

SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS 1. 2. 3. 4.	3RD ANGLE PROJECTION		THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.			3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us	
MATERIAL SEE SPECIFICATIONS	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		DRFT TV	DATE 08/12/16	DESCRIPTION MS 3100A-20-7S-1032-*		
FINISH SEE SPECIFICATIONS			APVD T.K.	SCALE 1=1.1			
	CONTACT TURCK FOR MORE INFORMATION		UNIT OF MEASUREMENT		IDENTIFICATION NO.		REV A
			MILLIMETER [INCH]				
			DO NOT SCALE THIS DRAWING		FILE: 777038723		SHEET 1 OF 1

A	DRAWING RELEASE	TR	12/30/16	
REV	DESCRIPTION	BY	DATE	ECO. NO.