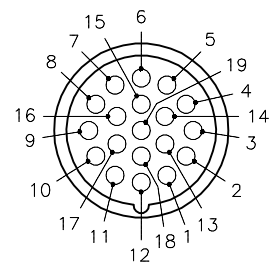
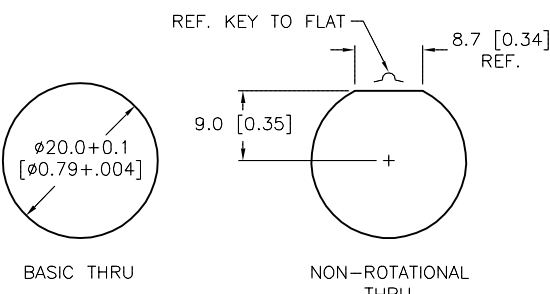
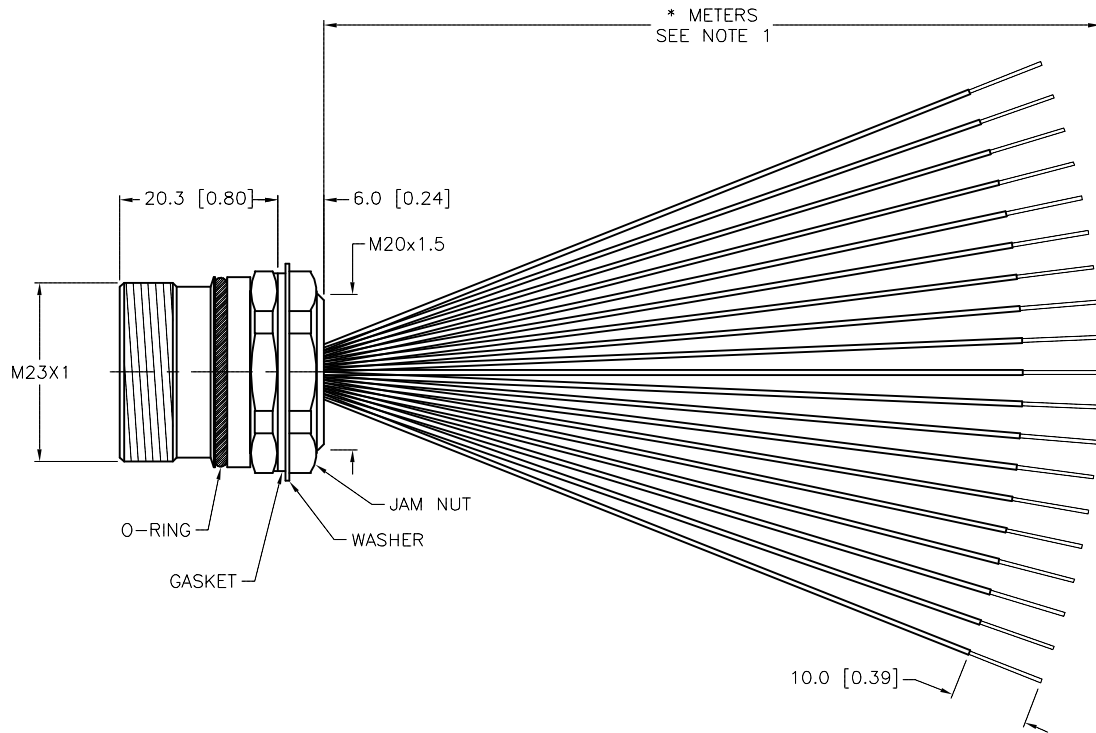
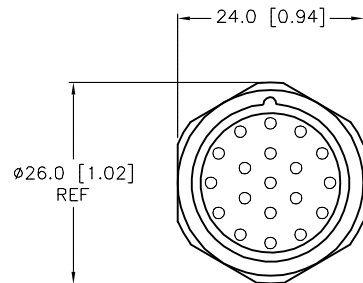


FEMALE END VIEW	PANEL CUTOUT (TYPICAL)	SPECIFICATIONS	
 1 = VIOLET 2 = RED 3 = GRAY 4 = RED/BLUE 5 = GREEN 6 = BLUE 7 = GRAY/PINK 8 = WHITE/GREEN 9 = WHITE/YELLOW 10 = WHITE/GRAY 11 = BLACK 12 = GREEN/YELLOW 13 = YELLOW/BROWN 14 = BROWN/GREEN 15 = WHITE 16 = YELLOW 17 = PINK 18 = GRAY/BROWN 19 = BROWN		CONTACT CARRIER MATERIAL/COLOR	NYLON or PBT/GRAY
		CONTACT MATERIAL/PLATING	BRASS/GOLD
		CONNECTOR HOUSING MATERIAL/PLATING	BRASS/NICKEL
		O-RING/GASKET MATERIAL	RUBBER (NITRILE or FPM)
		RATED CURRENT [A]	9.0 A (PINS 6,12,19), 2.0 A (ALL OTHERS)
		RATED VOLTAGE [V]	150 V
		CONDUCTOR INSULATION MATERIAL	PVC
		MAXIMUM CONDUCTOR SIZE [AWG]	19x18 AWG
		TEMPERATURE RANGE	-40°C TO +105°C (-40°F TO +221°F)
		PROTECTION CLASS	IEC IP67
		MAXIMUM PANEL THICKNESS	3.5 [0.138]



M23 connector



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

SOURCE DRAWING - FOR REFERENCE ONLY

NOTES:

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

2. "/S613" DESIGNATES 18 AWG WIRES.

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	
		DRFT RDS APVD	DATE 01/10/07 SCALE 1=1.0	DESCRIPTION CKF 19-19-*/S613	
MATERIAL SEE SPECIFICATIONS	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY CONTACT TURCK FOR MORE INFORMATION	UNIT OF MEASUREMENT MILLIMETER [INCH]		IDENTIFICATION NO.	
FINISH SEE SPECIFICATIONS		DO NOT SCALE THIS DRAWING		REV C	
C UPDATE GASKET MATERIAL REV DESCRIPTION	NF 11/20/19 75416 BY DATE ECO NO.	FILE: 777015396		SHEET 1 OF 1	