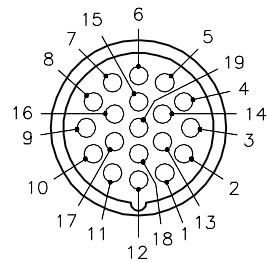


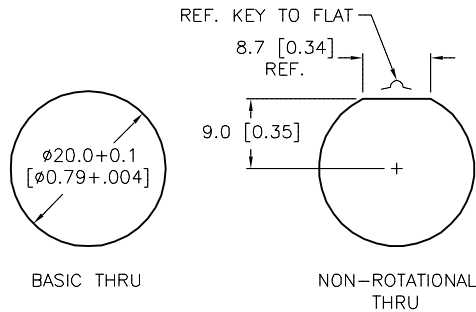
FEMALE END VIEW



- 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

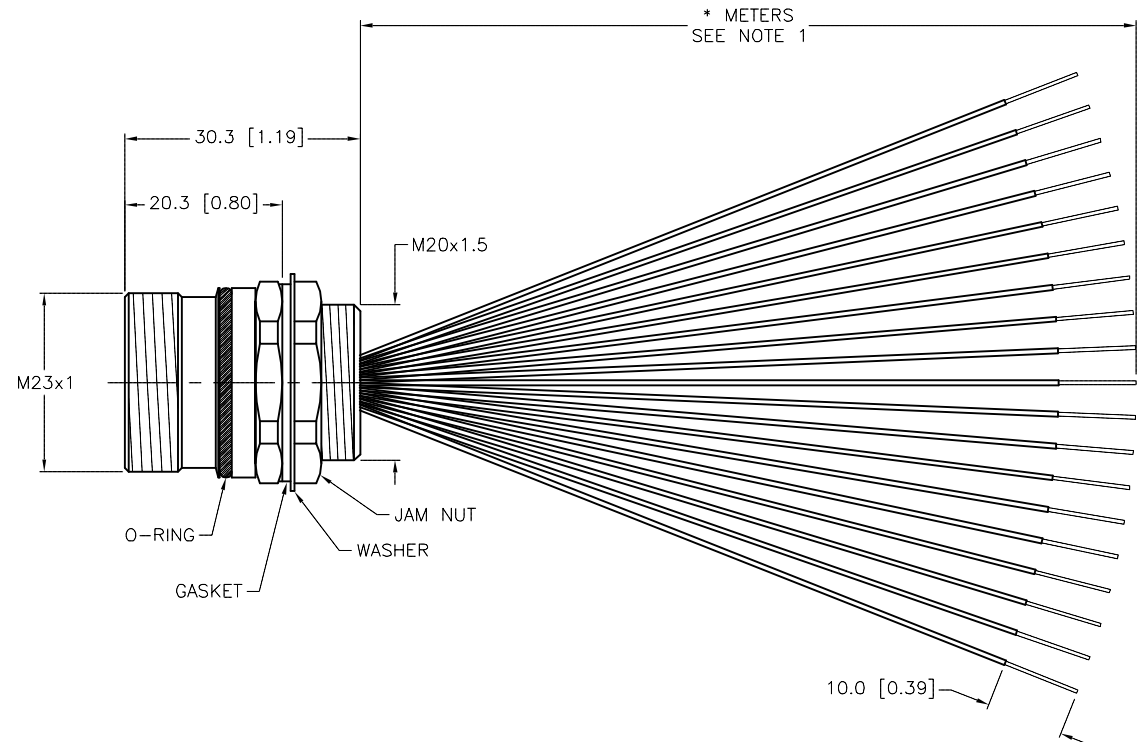
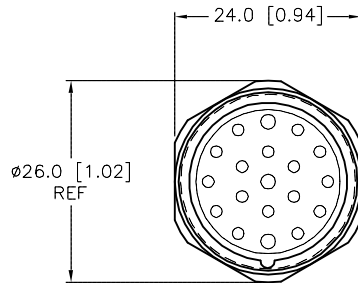
 M23 connector

PANEL CUTOUT (TYPICAL)



SPECIFICATIONS

CONTACT CARRIER MATERIAL/COLOR	NYLON or PBT/GRAY
CONTACT MATERIAL/PLATING	BRASS/GOLD
CONNECTOR HOUSING MATERIAL/FINISH	STAINLESS STEEL/PASSIVATED
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
NUMBER OF CONDUCTORS [AWG]	3x18 AWG, 16x22 AWG
TEMPERATURE RANGE	-40°C to +105°C (-40°F to +221°F)
PROTECTION CLASS	IEC IP 67
MAXIMUM PANEL THICKNESS	3.5 [0.138]

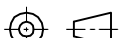


CABLE LENGTH	TOLERANCE *
ALL LENGTHS	+ 4% (OR 50mm) OF LENGTH - 0% (OR 0mm) OF LENGTH WHICHEVER IS GREATER
STRIP LENGTH	TOLERANCE *
0-7mm	±0.5mm
8-29mm	±1.0mm
30-49mm	±2.0mm
50-69mm	±3.0mm
70-100mm	±4.0mm
OVER 100mm	±5.0mm
* UNLESS OTHERWISE SPECIFIED	

NOTES:

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

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.		 3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us	
1.		DRFT	JB	DATE	09/03/03
2.		APVD		SCALE	1=1.0
3.		UNIT OF MEASUREMENT		DESCRIPTION	
4.		MILLIMETER [INCH]		CKFLV 19-19-*	
MATERIAL	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY			IDENTIFICATION NO.	
SEE SPECIFICATIONS				REV	
FINISH		CONTACT TURCK FOR MORE INFORMATION		D	
SEE SPECIFICATIONS		DO NOT SCALE THIS DRAWING		FILE: 777002769	SHEET 1 OF 1

D	UPDATE GASKET MATERIAL	NF	11/20/19	75416
REV	DESCRIPTION	BY	DATE	ECO. NO.