

FEMALE END VIEW

1 = BROWN
2 = N/C
3 = BLUE
4 = WHITE
5 = GREEN/YELLOW
6 = ORANGE
7 = YELLOW
8 = GRAY
9 = PINK
10 = RED
11 = BROWN/WHITE
12 = BLACK
13 = BLUE/WHITE
14 = VIOLET
15 = GREEN/WHITE
16 = N/C

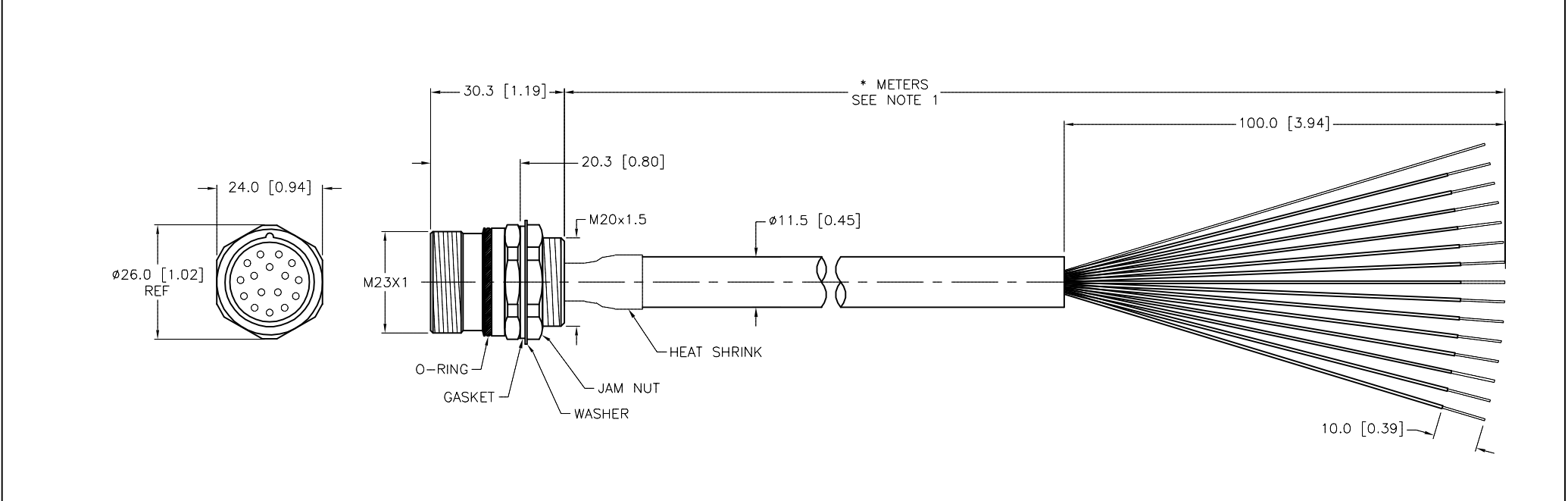
M23 connector

PANEL CUTOUT (TYPICAL)

REF. KEY TO FLAT
8.7 [0.34] REF.
9.0 [0.35]
BASIC THRU
NON-ROTATIONAL THRU
Ø20.0+0.1 [Ø0.79+0.004]

SPECIFICATIONS

CONTACT CARRIER MATERIAL	NYLON or PBT
CONTACT MATERIAL/PLATING	BRASS/GOLD
HOUSING MATERIAL/PLATING	BRASS/NICKEL
O-RING/GASKET MATERIAL	RUBBER (NITRILE or FPM)
RATED CURRENT [A]	6.0 A
RATED VOLTAGE [V]	150 V
OUTER JACKET MATERIAL/COLOR	PVC/YELLOW
CONDUCTOR INSULATION MATERIAL	PVC
NUMBER OF CONDUCTORS [AWG]	14x18 AWG
DRAIN/SHIELD	20 AWG DRAIN/POLYESTER FOIL SHIELD
TEMPERATURE RANGE	-40°C to +105°C (-40°F to +221°F)
PROTECTION CLASS	IP67
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. "*" DESIGNATES CABLE LENGTH IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTHS.

SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS

1.
2.
3.
4.

3RD ANGLE PROJECTION

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DRFT RDS
APVD

DATE 07/10/08
SCALE 1=1.3

UNIT OF MEASUREMENT
MILLIMETER [INCH]

DO NOT SCALE THIS DRAWING

3000 CAMPUS DRIVE
MINNEAPOLIS, MN 55441
1-800-544-7769
(763) 553-7300
(763) 553-0708 fax
www.turck.us

DESCRIPTION
CKAFL 16-14-*/S717

IDENTIFICATION NO.
REV
D

D	UPDATE GASKET MATERIAL	ER	11/20/19	75415
REV	DESCRIPTION	BY	DATE	ECO NO.