

FEMALE END VIEW

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

M23 connector

PANEL CUTOUT (TYP.)

BASIC THRU
NON-ROTATIONAL THRU

SPECIFICATIONS

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]	3.0 A
RATED VOLTAGE [V]	300 V
CONDUCTOR INSULATION MATERIAL	PVC
NUMBER OF CONDUCTORS [AWG]	16x22 AWG
TEMPERATURE RANGE	-40°C TO +105°C (-40°F TO +221°F)
PROTECTION CLASS	IEC IP67
MAXIMUM PANEL THICKNESS	6.5 [0.256]

33.0 [1.30]
30.0 [1.18]
END VIEW
LOCKNUT NOT SHOWN FOR CLARITY
O-RING GROOVE

28.8 [1.13]
LOCKNUT
M23x1
M25x1.5
O-RING
GASKET
10.0 [0.39]
* METERS
SEE NOTE 1

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 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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MATERIAL

SEE SPECIFICATIONS

FINISH

SEE SPECIFICATIONS

ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY

CONTACT TURCK FOR MORE INFORMATION

DRFT JBJ
APVD

DATE 05/09/02
SCALE 1=1.0

UNIT OF MEASUREMENT
MILLIMETER [INCH]

DO NOT SCALE THIS DRAWING

DESCRIPTION

CKNFD 16-16-*

IDENTIFICATION NO.

REV
E

FILE: 777000824

SHEET 1 OF 1

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