

MALE END VIEW

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

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]	6.0 A
RATED VOLTAGE [V]	300 V
CONDUCTOR INSULATION MATERIAL	PVC
NUMBER OF CONDUCTORS (AWG)	12x18 AWG
PROTECTION CLASS	MEETS IEC IP67
TEMPERATURE RANGE	-40°C TO +105°C (-40°F TO +221°F)
MAXIMUM PANEL THICKNESS	3.5 [0.138]

24.0 [0.94]

26.0 [1.02] REF

20.3 [0.80]

6.0 [0.24]

10.0 [0.39]

M23x1

O-RING

GASKET

JAM NUT

WASHER

M20x1.5

\* 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 LEAD 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 RWC

APVD

DATE 08/17/07

SCALE 1=1.0

UNIT OF MEASUREMENT

MILLIMETER [ INCH ]

DO NOT SCALE THIS DRAWING

TURCK

3000 CAMPUS DRIVE  
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DESCRIPTION

CSF 12-12-\*

IDENTIFICATION NO.

777009436

REV

D

D	RUBBER (NITRILE OR FPM)	ER	11/19/19	75412
REV	DESCRIPTION	BY	DATE	ECO. NO.