

FEMALE END VIEW

1 = ORANGE

2 = BLUE

3 = YELLOW

4 = BLACK

5 = WHITE

6 = RED

7 = GREEN/YELLOW

8 = BROWN

9 = N/C

10 = N/C

11 = N/C

12 = N/C

M23 connector

PANEL CUTOUT (TYPICAL)

REF. KEY TO FLAT

8.7 [0.34] REF.

9.0 [0.35]

$\phi 20.0 \pm 0.1$

$[\phi 0.79 \pm .004]$

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)         | 8x18 AWG                          |
| TEMPERATURE RANGE                  | -40°C TO +105°C (-40°F TO +221°F) |
| PROTECTION CLASS                   | IEC IP67                          |
| MAXIMUM PANEL THICKNESS            | 3.5 [0.138]                       |

24.0 [0.94]

$\phi 26.0 [1.02]$  REF

20.3 [0.80]

10.0 [0.39]

10.0 [0.39]

M23x1

M20x1.5

O-RING

GASKET

WASHER

JAM NUT

\* METERS  
SEE NOTE 1

| CABLE LENGTH | TOLERANCE*                                                                  |
|--------------|-----------------------------------------------------------------------------|
| ALL LENGTHS  | + 4% (OR 50mm) OF LENGTH<br>- 0% (OR 0mm) OF LENGTH<br>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  
APVD

RWC

DATE 11/13/09

SCALE 1=1.0

DESCRIPTION

CKRFL 12-8-\*

UNIT OF MEASUREMENT

MILLIMETER [ INCH ]

IDENTIFICATION NO.

REV

DO NOT SCALE THIS DRAWING

FILE: 777009434

SHEET 1 OF 1

MATERIAL

SEE SPECIFICATIONS

FINISH

SEE SPECIFICATIONS

ALL DIMENSIONS  
DISPLAYED ON THIS  
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CONTACT TURCK  
FOR MORE  
INFORMATION

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