

FEMALE 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 (TYPICAL)

BASIC THRU

NON-ROTATIONAL THRU

SPECIFICATIONS

|                                    |                                   |
|------------------------------------|-----------------------------------|
| CONTACT CARRIER MATERIAL/COLOR     | NYLON or PBT/WHITE                |
| 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               | 12x18 AWG                         |
| TEMPERATURE RANGE                  | -40°C to +105°C (-40°F to +221°F) |
| PROTECTION CLASS                   | IEC IP67                          |
| MAXIMUM PANEL THICKNESS            | 3.5 [0.138]                       |

| 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

RDS

DATE

05/14/08

APVD

SCALE

1=1.0

UNIT OF MEASUREMENT

MILLIMETER [ INCH ]

CONTACT TURCK FOR MORE INFORMATION

DO NOT SCALE THIS DRAWING

TURCK

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DESCRIPTION

CKFL 12-12-\*

IDENTIFICATION NO.

FILE: 777009428

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SHEET 1 OF 1