

FEMALE END VIEW

1 = BLUE

2 = BLUE

3 = BLUE

4 = BLUE

5 = BLUE

6 = BLUE

7 = BLUE

8 = BLUE

9 = BLUE

10 = BLUE

11 = BLUE

12 = BLUE

13 = BLUE

14 = BLUE

15 = BLUE

16 = BLUE

M23 connector

PANEL CUTOUT (TYPICAL)

REF. KEY TO FLAT

8.7 [0.34] REF.

9.0 [0.35]

$\phi 20.0 + 0.1$
[$\phi 0.79 + .004$]

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]	3.0 A
RATED VOLTAGE [V]	300 V
CONDUCTOR INSULATION MATERIAL	PVC
NUMBER OF CONDUCTORS (AWG)	15x22 AWG, 1x18 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 - 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.

2. "/CS12031" DESIGNATES CUSTOM COLOR CODE. ALL CONDUCTORS ARE BLUE. WRAP LABELS ON EACH CONDUCTOR DESIGNATING PIN NUMBER IT IS ATTACHED TO.

SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS

1.

2.

3.

4.

MATERIAL

SEE SPECIFICATIONS

FINISH

SEE SPECIFICATIONS

3RD ANGLE PROJECTION

ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY

CONTACT TURCK FOR MORE INFORMATION

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DRFT

RDS

DATE 07/10/08

APVD

SCALE 1=1.0

UNIT OF MEASUREMENT

MILLIMETER [INCH]

DO NOT SCALE THIS DRAWING

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DESCRIPTION

CKFL 16-16-*/CS12031

IDENTIFICATION NO.

REV

C

FILE: 777022428

SHEET 1 OF 1