

FEMALE END VIEW

1 = BLUE

2 = BLUE

3 = BLUE

4 = BLUE

5 = BLUE

6 = WHITE/BLUE

7 = BLUE

8 = BLUE

9 = BLUE

10 = BLUE

11 = BLUE

12 = GREEN/YELLOW

13 = BLUE

14 = BLUE

15 = BLUE

16 = BLUE

17 = BLUE

18 = BLUE

19 = BLUE

M23 connector

PANEL CUTOUT (TYPICAL)

REF. KEY TO FLAT

8.7 [0.34] REF.

9.0 [0.35]

ø20.0+0.1 [ø0.79+.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 GASKET	RUBBER (NITRILE or FPM)
RATED CURRENT [A]	9.0 A (PINS 6,12,19), 2.0 A (ALL OTHERS)
RATED VOLTAGE [V]	150 V
CONDUCTOR INSULATION MATERIAL	PVC
NUMBER OF CONDUCTORS (AWG)	3x18 AWG (PINS 6,12,19), 16x22 AWG
TEMPERATURE RANGE	-40°C TO +105°C (-40°F TO +221°F)
PROTECTION CLASS	IEC IP67
MAXIMUM PANEL THICKNESS	3.5 [0.138]

ø26.0 [1.02] REF

24.0 [0.94]

30.3 [1.19]

20.3 [0.80]

M23X1

M20x1.5

O-RING

GASKET

WASHER

JAM NUT

* METERS SEE NOTE 1

19x

10.0 [0.39]

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. "/CS12032" DESIGNATES CUSTOM COLOR CODE. ALL CONDUCTORS BLUE EXCEPT PIN #6 IS WHITE/BLUE AND PIN #12 IS GREEN/YELLOW. WRAP LABELS ON EACH CONDUCTOR DESIGNATING PIN NUMBER IT IS ATTACHED TO.

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

3000 CAMPUS DRIVE

MINNEAPOLIS, MN 55441

1-800-544-7769

(763) 553-7300

(763) 553-0708 fax

www.turck.us

TURCK

DESCRIPTION

CKFL 19-19-*/CS12032

IDENTIFICATION NO.

REV

C

FILE: 777022429

SHEET 1 OF 1