

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 (TYP.)

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]	3.0 A
RATED VOLTAGE [V]	150 V
NUMBER OF CONDUCTORS [AWG]	16x18 AWG
PROTECTION CLASS	IEC IP65

END VIEW
LOCKNUT NOT SHOWN
FOR CLARITY

O-RING
GROOVE

LOCKNUT

M23x1

M25x1.5

O-RING

50.0mm ±10mm

WRAP LABELS
(SEE NOTE 5)

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. MAXIMUM WALL THICKNESS 6.5 [.256].

3. "/S613" DESIGNATES 18 AWG CONDUCTORS.

4. "/CS16535" DESIGNATES NEXT GEN3 JUNE 2020 UPDATE. CODE J - M23 16 PIN - CUSTOM WIRING. REAR MOUNT RECEPTACLES TO INCLUDE LOCK NUT AND O-RING INSTALLED ON BODY.

5. WRAP LABELS ON ALL CONDUCTORS. WRAP LABELS NUMBERED WITH CORRESPONDING WIRE IDENTIFICATION NUMBERS. ("1" EQUALS "BLUE #1")

RELATED DOCUMENTS

1.

2.

3.

4.

3RD ANGLE PROJECTION

THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.

3000 CAMPUS DRIVE
MINNEAPOLIS, MN 55441
1-800-544-7769
(763) 553-7300
(763) 553-0708 fax
www.turck.us

MATERIAL	SEE SPECIFICATIONS	DRFT	RDS	DATE	05/23/18	DESCRIPTION	CKFD 16-16-*/S613/CS16535	
FINISH	SEE SPECIFICATIONS	APVD	D.L.	SCALE	1=1.0	IDENTIFICATION NO.	REV	
				UNIT OF MEASUREMENT				
				MILLIMETER [INCH]				
				DO NOT SCALE THIS DRAWING		FILE: 777041604		

C	UPDATE "CS" DESIGNATION	RDS	06/25/20	75968
REV	DESCRIPTION	BY	DATE	ECO. NO.

SOURCE DRAWING - FOR REFERENCE ONLY

3000 CAMPUS DRIVE
MINNEAPOLIS, MN 55441
1-800-544-7769
(763) 553-7300
(763) 553-0708 fax
www.turck.us

CKFD 16-16-*/S613/CS16535

IDENTIFICATION NO.

REV

C

FILE: 777041604

SHEET 1 OF 1