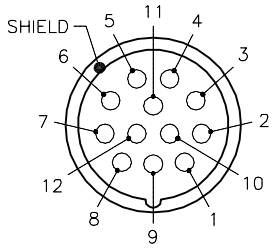
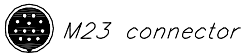
FEMALE END VIEW

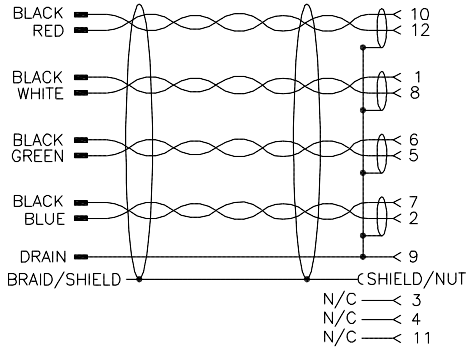


1 = BLACK
2 = BLUE
3 = N/C
4 = N/C
5 = GREEN
6 = BLACK
7 = BLACK
8 = WHITE
9 = DRAIN
10 = BLACK
11 = N/C
12 = RED



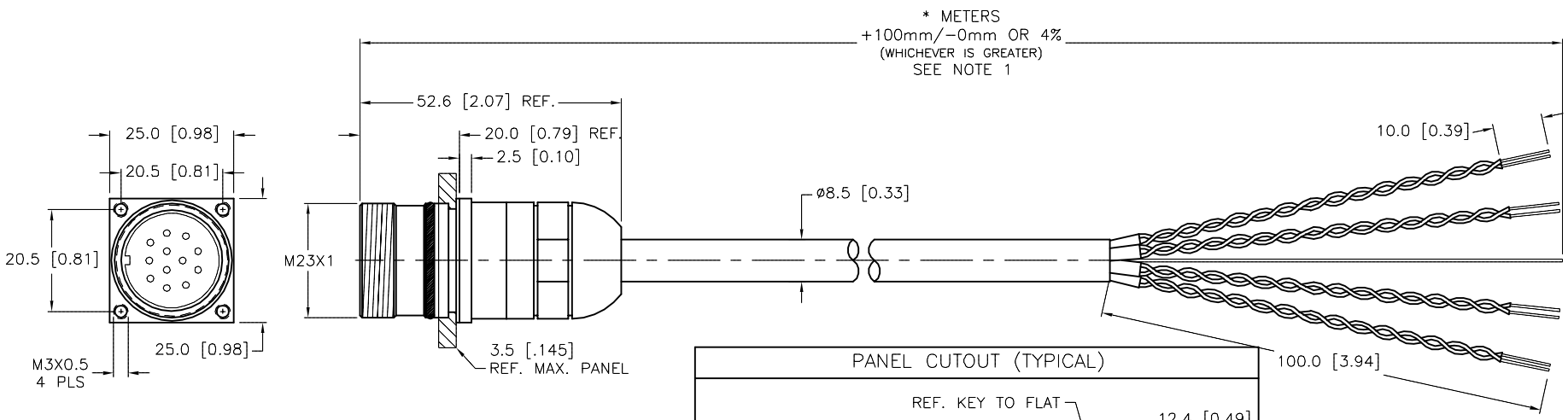
M23 connector

WIRING DIAGRAM

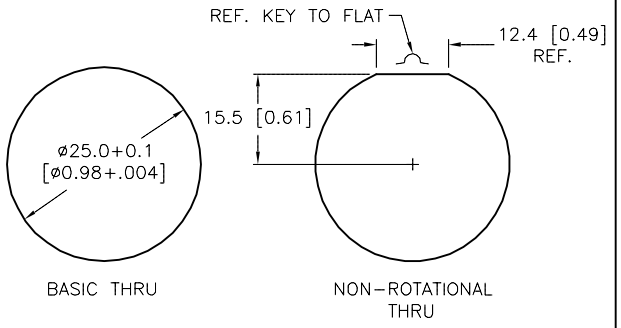


SPECIFICATIONS

CONTACT CARRIER MATERIAL/COLOR	NYLON or PBT/GRAY
CONTACT MATERIAL/PLATING	BRASS/GOLD
COUPLING NUT MATERIAL/PLATING	BRASS/NICKEL
RATED CURRENT [A]	6.0 A
RATED VOLTAGE [V]	300 V
OUTER JACKET MATERIAL/COLOR	PVC/GRAY
CONDUCTOR INSULATION MATERIAL	PVC
NUMBER OF CONDUCTORS [AWG]	8x20 AWG, 4x SHIELDED TWISTED PAIR
DRAIN/SHIELD	22 AWG TC COMMON DRAIN/FOIL SHIELD
BRAIDED SHIELD	36 AWG BRAIDED SHIELD
TEMPERATURE RANGE	−40°C to +80°C (−40°F to +176°F)
PROTECTION CLASS	IEC IP67
MAXIMUM PANEL THICKNESS	6.5 [0.256]



PANEL CUTOUT (TYPICAL)



SOURCE DRAWING - FOR REFERENCE ONLY

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:

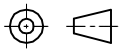
1. "*" INDICATES CABLE LENGTH IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTHS.

2. PANEL BORE 23mm +0.1. MAXIMUM PANEL THICKNESS 3.5 [.145].

REV	DESCRIPTION	BY	DATE	ECO NO.
C	UPDATE DRAWING TO M23 STANDARDS, SEE ECO	RWC	06/15/10	31201

RELATED DOCUMENTS
1.
2.
3.
4.

3RD ANGLE PROJECTION



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MATERIAL: SEE SPECIFICATIONS

FINISH: SEE SPECIFICATIONS

ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY

CONTACT TURCK FOR MORE INFORMATION

DRFT: JBJ | DATE: 01/17/03
APVD: | SCALE: NONE

UNIT OF MEASUREMENT
MILLIMETER [INCH]
DO NOT SCALE THIS DRAWING

DESCRIPTION: CKSFDF 12−9−987−*

IDENTIFICATION NO.:

REV: C

FILE: 777001878 | SHEET 1 OF 1