

ENVIRONMENTAL:
PROTECTION: IP67
OPERATING TEMPERATURE: -25°C TO +85°C

PIN 1		BROWN
PIN 2		WHITE
PIN 3		BLUE
PIN 4		BLACK

Diagram illustrating the rear view of the connector, showing the pin layout and dimensions:

- PIN 1**: Located at the top-left position.
- PIN 2**: Located at the bottom-left position.
- PIN 3**: Located at the top-right position.
- PIN 4**: Located at the bottom-right position.
- 4**: A label pointing to the central area of the connector.
- A/F 17**: A dimension line indicating the width of the connector.

Technical drawing of a bolt assembly. The drawing shows a bolt (1) with a hexagonal head (2) and a threaded shank (3). The bolt is shown in a cross-sectional view, with the head and shank labeled. The head diameter is 23.1 mm. The shank diameter is 14.1 mm. The head height is 7 mm. The shank length is 6 mm. The bolt is labeled PG9. The bolt is shown in a cross-sectional view, with the head and shank labeled. The head diameter is 23.1 mm. The shank diameter is 14.1 mm. The head height is 7 mm. The shank length is 6 mm. The bolt is labeled PG9. The bolt is shown in a cross-sectional view, with the head and shank labeled. The head diameter is 23.1 mm. The shank diameter is 14.1 mm. The head height is 7 mm. The shank length is 6 mm. The bolt is labeled PG9.

PANEL CUT OUT

$\phi 15.50^{+0.1}$

13.80 $^{0.0}_{-0.2}$

MAX. R 1.0 (4x)

DRAFT ANGLE 1°

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
1	-	WIRES, 22 AWG	PVC	SEE WIRING DIAGRAM
2	1	M12 INSERT MALE 4P	NYLON	BLACK
3	1	M12 REC SHELL MA PG9 ULOCK	BRASS	NICKEL PLATED
4	4	MALE CONTACT	Cu ALLOY	GOLD OVER NICKEL
5	1	O-RING	NBR	BLACK
6	-	POTTING MATERIAL	WEVO	-
7	1	LABEL	VINYL	YELLOW

FORMAT: master.tb.prod-A3

10 9 8 7 6 5 4 3 2 1

F

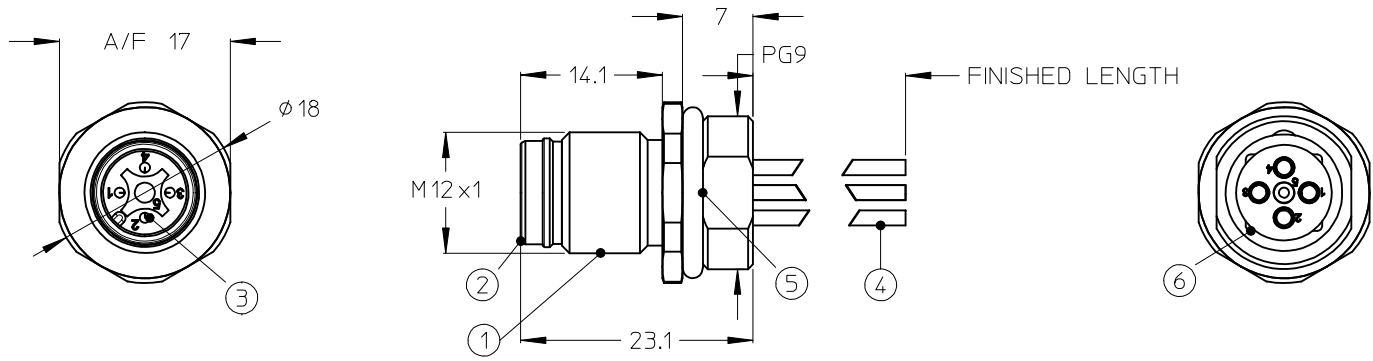
E

D

C

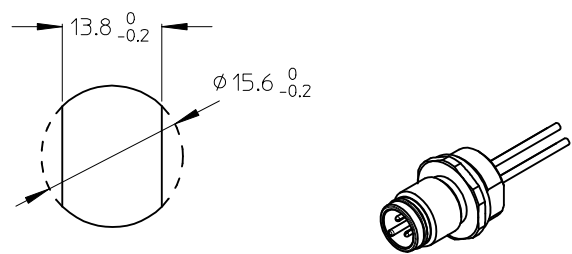
B

A



ITEM	COMPONENT	MATERIAL	FINISH
1	REC SHELL	BRASS	NICKEL PLATED
2	INSERT	PA	BLACK
3	CONTACT	BRASS / GOLD	CuZn Ni/ Au
4	WIRES	COPPER/PVC	NONE
5	O-RING	NBR	BLACK
6	POTTING MATERIAL	WEVO	NONE

COLOR CODE:
1 BROWN
2 WHITE
3 BLUE
4 BLACK



POL	MATERIAL NO.	ENGINEERING NO.	FINISHED LENGTH
4	1200845103	WR4J26E03C3003	300 ±10

VOLTAGE RATING: 250 VAC / VDC
AMPERAGE RATING: 4 A
PROTECTION CLASS: IP 67/68/69K
OPERATING TEMPERATURE: -25°C / 90°C
UL CERTIFICATION: FILE NO. E152210
CSA CERTIFICATIONS: FILE NO. LR6837

ENTER DESCRIPTION EC NO: IPG2014-0351 DRWN:BBRAUCH 2013/09/25 CHKD:AP0HL 2013/10/16 APPR:CBURGER 2014/01/31 2		DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION ⊙ ⊞	
					mm	INCH	DRAWN BY NSTAUDIGEL	DATE 2010/01/28	TITLE REC U12 4P AC MA STR PA 0.3M PG9 FM WIR SE UNSH BRA AU molex		
				4 PLACES	± ---	± ---	CHECKED BY	DATE			
				3 PLACES	± ---	± ---					
				2 PLACES	± 0.05	± ---					
				1 PLACE	± 0.3	± ---	APPROVED BY	DATE			
				0 PLACE	± 0.5	± ---	FPACHER	2010/02/01			
				ANGULAR ± 1 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		see table		SD-120084-023		1 OF 1	
						SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

9 8 7 6 5 4 3 2 1