

6

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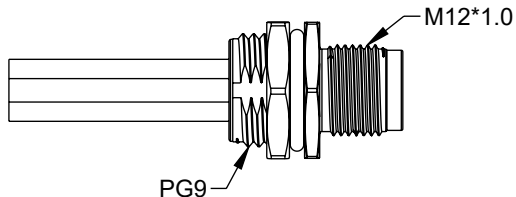
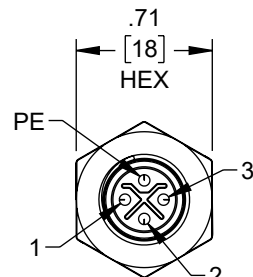
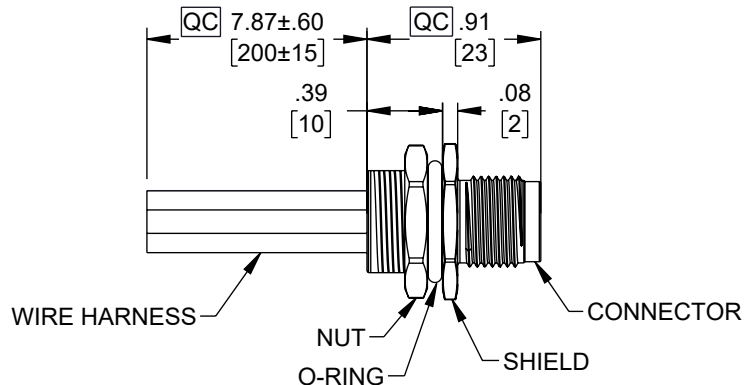
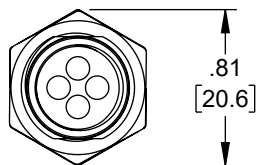
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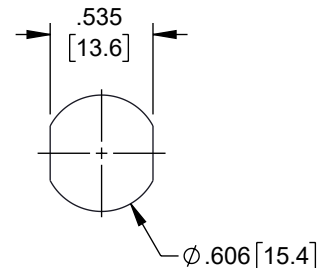
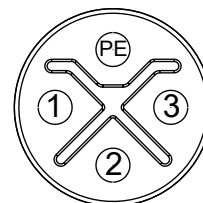
REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	11/07/2024	DMAY	DGUTTADAURO



## NOTES:

1. **QC** IMPORTANT DIMENSION.
2. WATERPROOF RATE: IP68, UNMATED 1m/24h  
IP69K, MATED
3. CONNECTOR:
  1. HOUSING: THERMOPLASTIC, BLACK
  2. PIN: COPPER ALLOY, GOLD PLATED
4. SHIELD: METAL
5. NUT: METAL
6. O-RING: RUBBER, BLACK
7. WIRE HARNESS: UL1015, 162AWG
8. FOR PANEL THICKNESS MAX: 4.5mm
9. O-RING AND NUT ARE ASSEMBLED ON CONNECTORS
10. TEMPERATURE RANGE: -20 °C TO +85 °C
11. OPERATING VOLTAGE: 630V
12. NOMINAL CURRENT: 12A

PIN OUT	
PIN #	WIRE
1	BROWN
2	WHITE
3	BLUE
PE	BLACK

RECOMMENDED  
PANEL CUT-OUT3+PE  
PIN ASSIGNMENTS  
FRONT VIEW

REGULATORY COMPLIANCE:  
EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION).

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UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS	
TOLERANCES:	
X = ±.2 [5]	FRACTIONS ± 1/32
.XX = ±.02 [0.5]	ANGLES ± 1°
.XXX = ±.005 [0.13]	
CABLE LENGTH TOLERANCES:	
≤12 [305] = +1 [25] / -0	
>12 [305] ≤ 60 [1524] = +2 [51] / -0	
>60 [1524] ≤ 120 [3048] = +4 [102] / -0	
>120 [3048] ≤ 300 [7620] = +6 [152] / -0	
>300 [7620] = +5% / -0	
ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE. UN-DIMENSIONED/NON-CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION COLORS MAY VARY	

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INTERPRET ALL DIMENSIONS AND  
TOLERANCES PER ASME Y14.5

SCALE NONE SHEET 1 OF 1

DESCRIPTION  
M12 AC POWER 4 PIN S CODE MALE RECEPTACLE, IP68 IP69K  
RATED, 630V, 12A, PG9 REAR PANEL MOUNT STYLE WITH  
16AWG UL1015 PVC 0.2M LEADS

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3SVT8	DMAY	M124SM-REC-PG9R-L	A

6

5

4

3

2

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