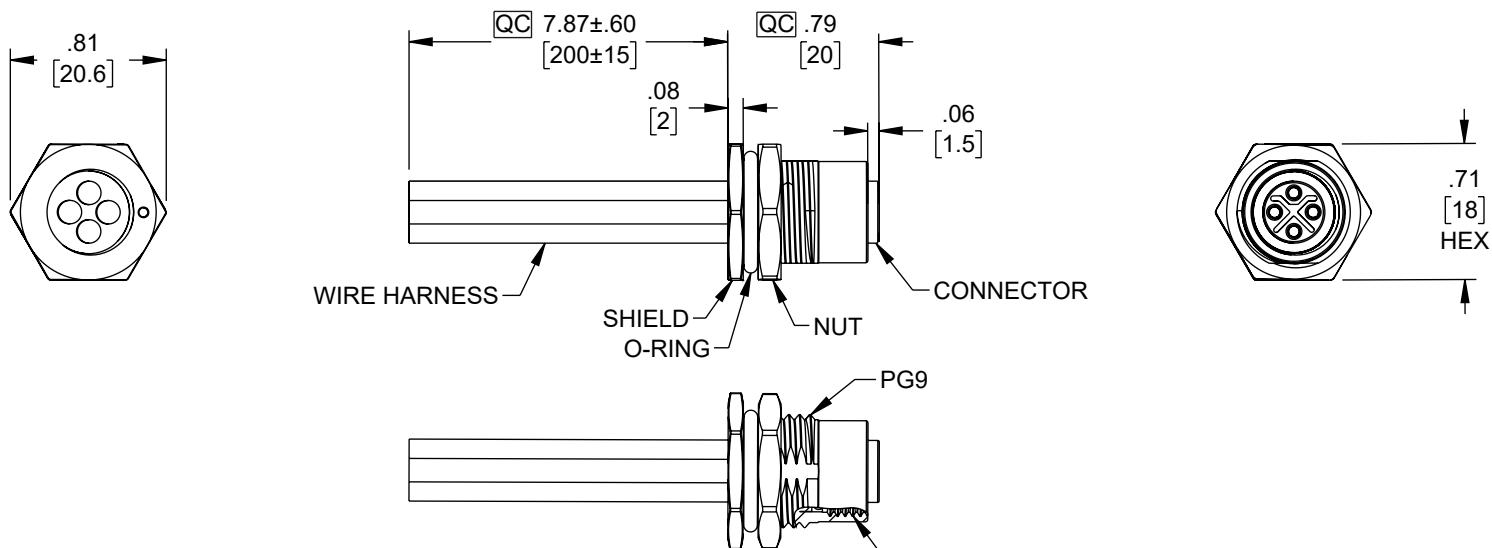


ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	11/07/2024	DMAY	DGUTTADAURO



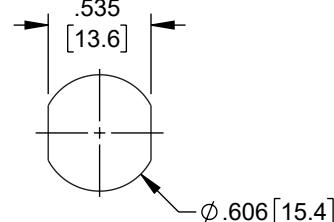
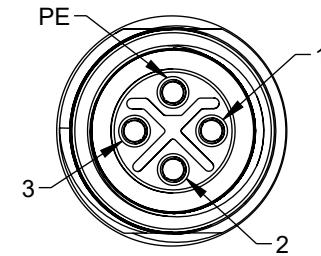
## NOTES:

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
  3. O-RING: RUBBER, GREEN
4. SHIELD: METAL
5. NUT: METAL
6. O-RING: RUBBER, BLACK
7. WIRE HARNESS: UL1015, 16AWG
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

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

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

RECOMMENDED  
PANEL CUT-OUT3+PE  
PIN ASSIGNMENTS  
FRONT VIEW

UNLESS OTHERWISE SPECIFIED  
LEADING DIMENSIONS ARE INCHES  
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:  
 $X = \pm .2$  [5]  
 $XX = \pm .02$  [0.5]  
 $XXX = \pm .005$  [0.13]

FRACTIONS  
 $\pm 1/32$   
 ANGLES  $\pm 1^\circ$

CABLE LENGTH TOLERANCES:  
 $\le 12$  [305] =  $\pm 1$  [25] / -0  
 $> 12$  [305]  $\le 60$  [1524] =  $\pm 2$  [51] / -0  
 $> 60$  [1524]  $\le 120$  [3048] =  $\pm 4$  [102] / -0  
 $> 120$  [3048]  $\le 300$  [7620] =  $\pm 6$  [152] / -0  
 $> 300$  [7620] =  $\pm 5\%$  / -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 FEMALE RECEPTACLE, IP68  
IP69K RATED, 630V, 12A, PG9 FRONT PANEL MOUNT STYLE  
WITH 16AWG UL1015 PVC 0.2M LEADS

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	DMAY	REC-M124SF-PG9F-L	A