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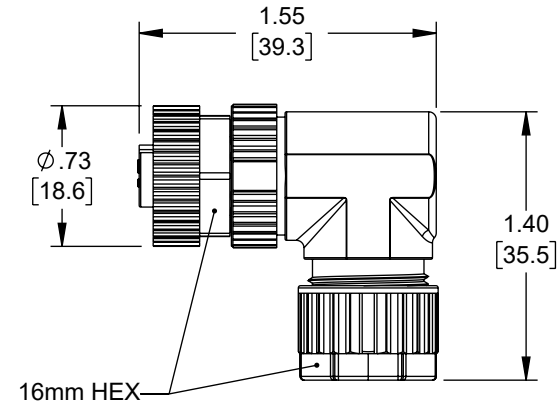
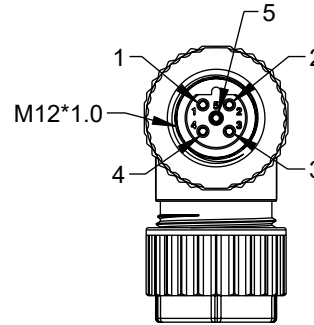
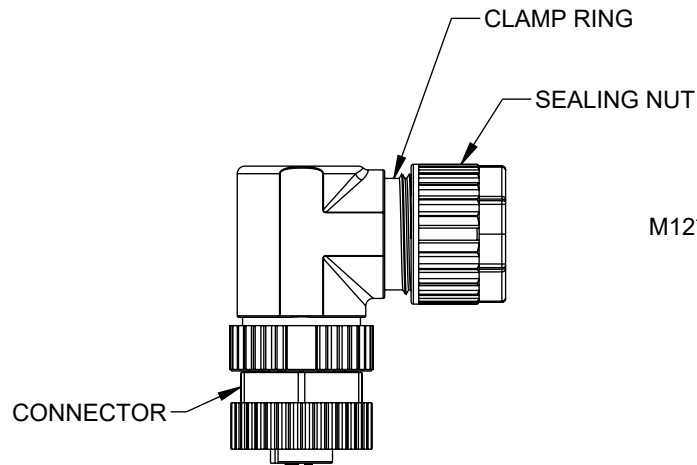
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## REVISION

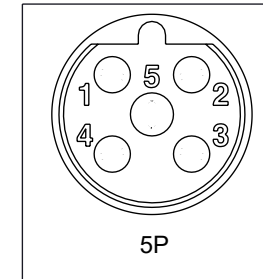
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	11/01/2024	DMAY	DGUTTADAURO



## NOTES:

1. **QC** IMPORTANT DIMENSION.
2. WATERPROOF RATE: IP67, MATED
3. CONNECTOR:
  1. HOUSING: THERMOPLASTIC, BLACK
  2. PIN: COPPER ALLOY, GOLD PLATED
  3. EXTENSION NUT: THERMOPLASTIC, BLACK
  4. O-RING: RUBBER, GRAY
  5. NUT: METAL
4. CLAMP RING: THERMOPLASTIC, BLACK
5. SEALING NUT: THERMOPLASTIC, BLACK
6. SEAL: RUBBER, GRAY, OD:  $\phi 4\text{mm} \sim \phi 7\text{mm}$
7. ONE SET UNASSEMBLED IN ONE PE BAG
8. TEMPERATURE RANGE:  $-40^{\circ}\text{C}$  TO  $+105^{\circ}\text{C}$
9. OPERATING VOLTAGE: 60V
10. NOMINAL CURRENT: 4A

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



PIN ASSIGNMENTS  
FRONT VIEW

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

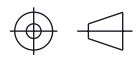
TOLERANCES:  
X =  $\pm 2$  [5] FRACTIONS  
XX =  $\pm 0.02$  [0.5]  $\pm 1/32$   
XXX =  $\pm 0.005$  [0.13] ANGLES  $\pm 1^{\circ}$

CABLE LENGTH TOLERANCES:  
 $\leq 12$  [305] =  $\pm 1$  [25] / -0  
 $>12$  [305]  $\leq 60$  [1524] =  $\pm 2$  [51] / -0  
 $>60$  [1524]  $\leq 120$  [3048] =  $\pm 4$  [102] / -0  
 $>120$  [3048]  $\leq 300$  [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 SHEET  
NONE 1 OF 1

DESCRIPTION  
M12 SENSOR 5 PIN B-CODE RIGHT ANGLE FEMALE FIELD  
TERMINATION CONNECTOR, IP67, FITS 18-26AWG AND 4-7mm  
CABLE, 60V, 4A, SCREW-IN STYLE, BLACK

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	DMAY	M12FT5BF90	A

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