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REVISION

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

F

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C

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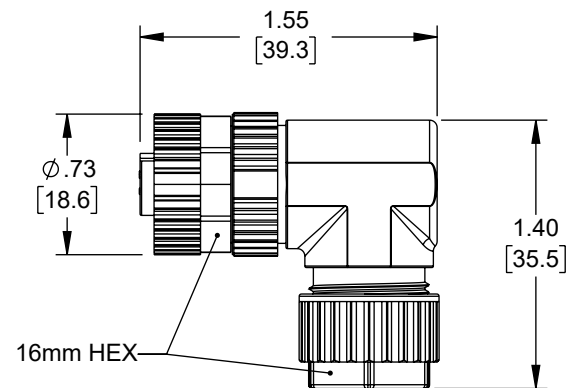
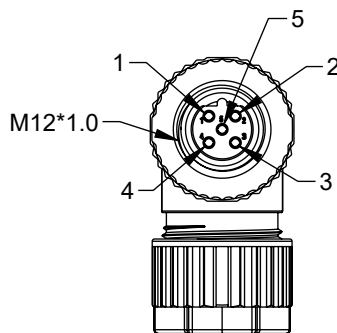
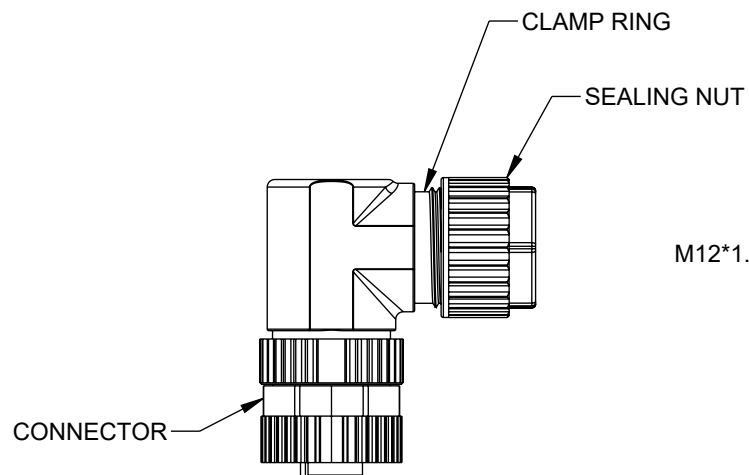
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NOTES:

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°C TO $+105^{\circ}\text{C}$
9. OPERATING VOLTAGE: 60V
10. NOMINAL CURRENT: 4A

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

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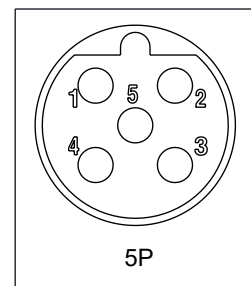
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PIN ASSIGNMENTS
FRONT VIEW

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

TOLERANCES:
X = ± 0.2 [5]
XX = ± 0.02 [0.5]
XXX = ± 0.005 [0.13]
FRACTIONS
 $\pm 1/32$
ANGLES $\pm 1^{\circ}$

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] = $\pm 5\%$ / -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 SENSOR 5 PIN B-CODE RIGHT ANGLE FEMALE FIELD
TERMINATION CONNECTOR, IP67, FITS 24-26AWG AND 4-7mm
CABLE, 60V, 4A, SOLDER STYLE, BLACK

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3SVT8	DMAY	M125BF90-FT-SLR	A