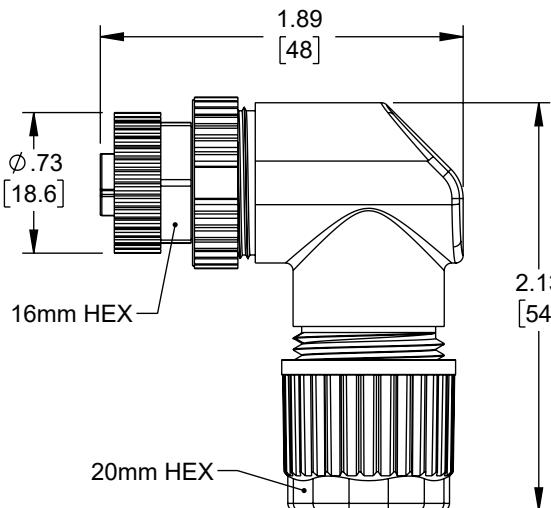
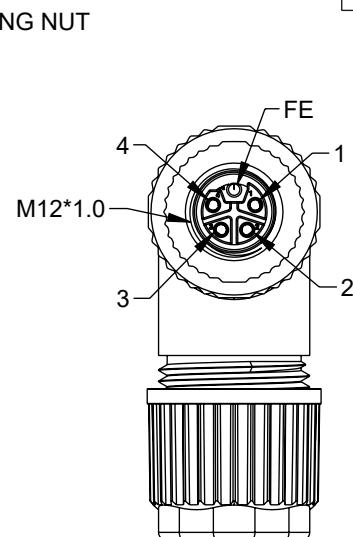
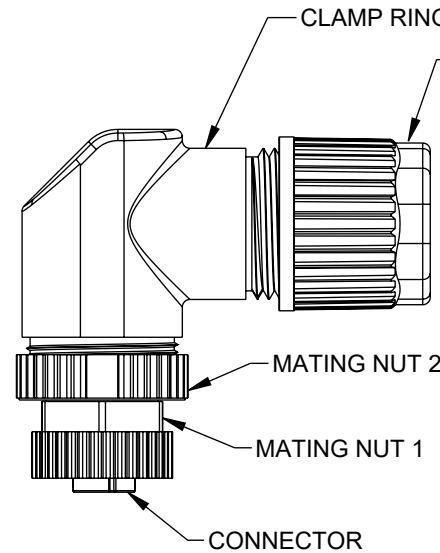


6 5 4 3 2 1



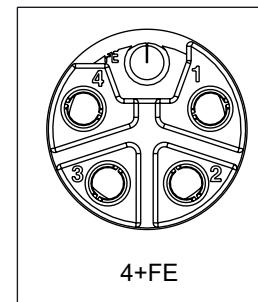
## NOTES:

- QC IMPORTANT DIMENSION.
- WATERPROOF RATE: IP67, MATED
- CONNECTOR:
  - HOUSING: THERMOPLASTIC, BLACK
  - PIN: COPPER ALLOY, GOLD PLATED
  - O-RING: RUBBER, GRAY
  - FIXED PLATE: METAL
  - MATING NUT 1: METAL
  - MATING NUT 2: THERMOPLASTIC, BLACK
  - SCREW: METAL
- CLAMP RING: THERMOPLASTIC, BLACK
- SEALING NUT: THERMOPLASTIC, BLACK
- SEAL 1: RUBBER, BLACK, OD:  $\phi$  12mm~ $\phi$  14mm
- SEAL 2: RUBBER, GRAY, OD:  $\phi$  10mm~ $\phi$  12mm
- SEAL 3: RUBBER, BLACK, OD:  $\phi$  8mm~ $\phi$  10mm
- ONE SET UNASSEMBLED IN ONE PE BAG
- TEMPERATURE RANGE: -40 °C TO +105 °C
- OPERATING VOLTAGE: 63V
- NOMINAL CURRENT: 16A

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

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REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	11/04/2024	DMAY	DGUTTADAURO

PIN ASSIGNMENTS  
FRONT VIEW

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

TOLERANCES:  
 $X = \pm .2$  [5] FRACTIONS  
 $XX = \pm .02$  [0.5]  $\pm 1/32$   
 $XXX = \pm .005$  [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 DC POWER 5 PIN L-CODE RIGHT ANGLE FEMALE FIELD  
TERMINATION CONNECTOR, IP67, FITS 14-16AWG AND 8-14mm  
CABLE, 63V, 16A, SCREW-IN, BLACK

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	DMAY	M12FT5LF90	A