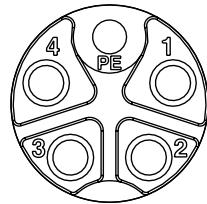


## REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	10/17/2024	DMAY	DGUTTADAURO



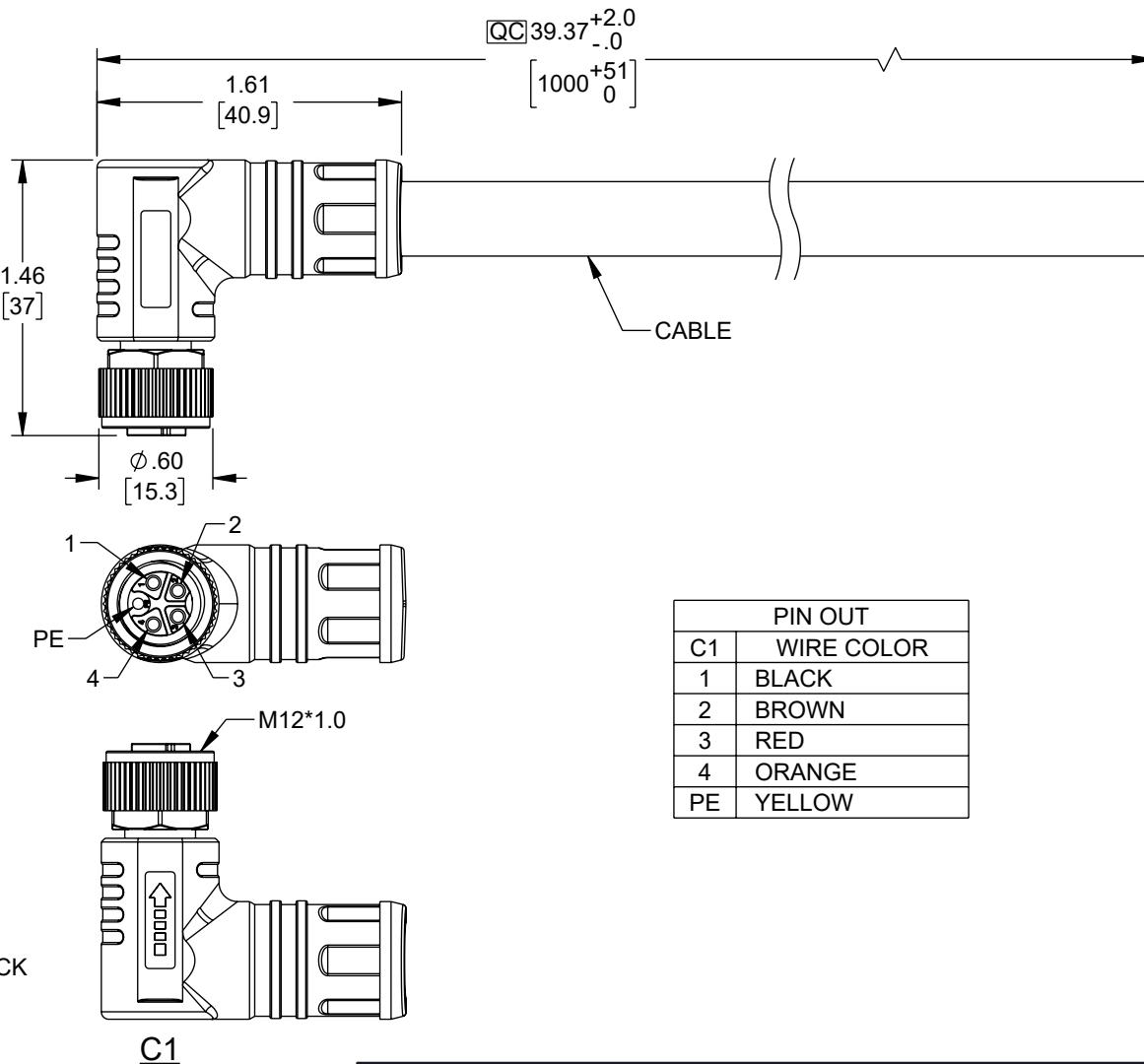
C1  
PIN ASSIGNMENTS  
FRONT VIEW

## NOTES:

1. **QC** IMPORTANT DIMENSION.
2. WATERPROOF RATE: IP68, MATED 1m/24h  
IP69K, MATED
3. C1:
  1. HOUSING: THERMOPLASTIC, BLACK
  2. PIN: COPPER ALLOY, GOLD PLATED
  3. O-RING: RUBBER, GRAY
  4. NUT: METAL
  5. OUTER MOLD: THERMOPLASTIC, BLACK
4. CABLE: UL20234, 14AWG\*5C  
PU JACKET, OD=10mm, BLACK
5. TEMPERATURE RANGE: -20°C TO +85°C
6. OPERATING VOLTAGE: 630V
7. NOMINAL CURRENT: 16A

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

FRACTIONS  
 $\pm 1/32$   
 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 AC POWER CABLE ASSEMBLY, 5 POSITION K CODE, IP68  
IP69K, RIGHT ANGLE FEMALE TO OPEN, 14AWG, 630V, 16A, UL  
20234 PU JACKET, BLACK, 1M

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	DMAY	TRGK510-P4B-1M	A