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## REVISION

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

F

F

E

E

D

D

C

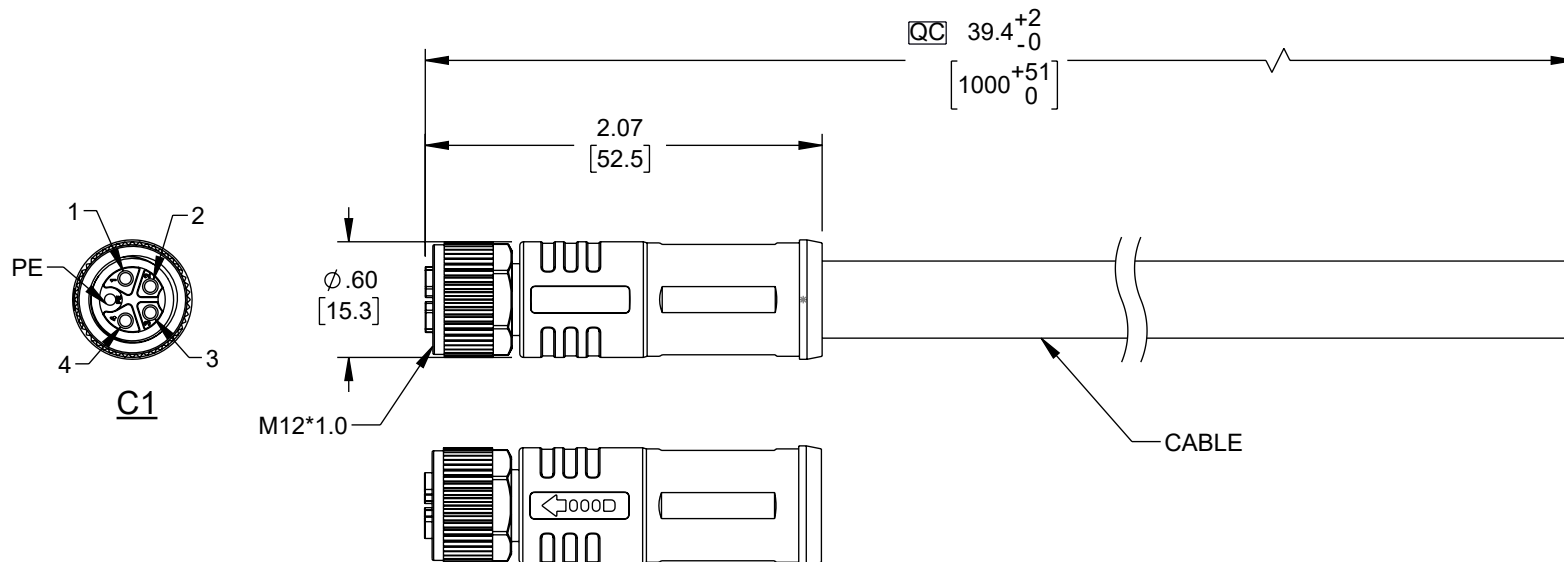
C

B

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A



## NOTES:

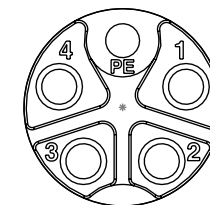
- QC IMPORTANT DIMENSION.
- WATERPROOF RATE: IP68, MATED 1m/24h  
IP69K, MATED
- C1:
  - HOUSING: THERMOPLASTIC, BLACK
  - PIN: COPPER ALLOY, GOLD PLATED
  - O-RING: RUBBER, GRAY
  - NUT: METAL
  - OUTER MOLD: THERMOPLASTIC, BLACK
- CABLE: UL20234, 14AWG\*5C  
PU JACKET, OD=10mm, BLACK
- TEMPERATURE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

## REGULATORY COMPLIANCE:

EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION).

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PIN OUT	
C1	WIRE COLOR
1	BLACK
2	BROWN
3	RED
4	ORANGE
PE	YELLOW



C1  
PIN ASSIGNMENTS  
FRONT VIEW

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

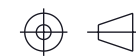
TOLERANCES:  
X = ±.2 [5] | FRACTIONS ± 1/32  
.XX = ±.02 [0.5] | ANGLES ± 1°  
.XXX = ±.005 [0.13]

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] = +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, FEMALE TO OPEN, 14AWG, 630V, 16A, UL 20234 PU  
JACKET, BLACK, 1M

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	DMAY	TRGK505-P4B-1M	A

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