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REVISION

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

F

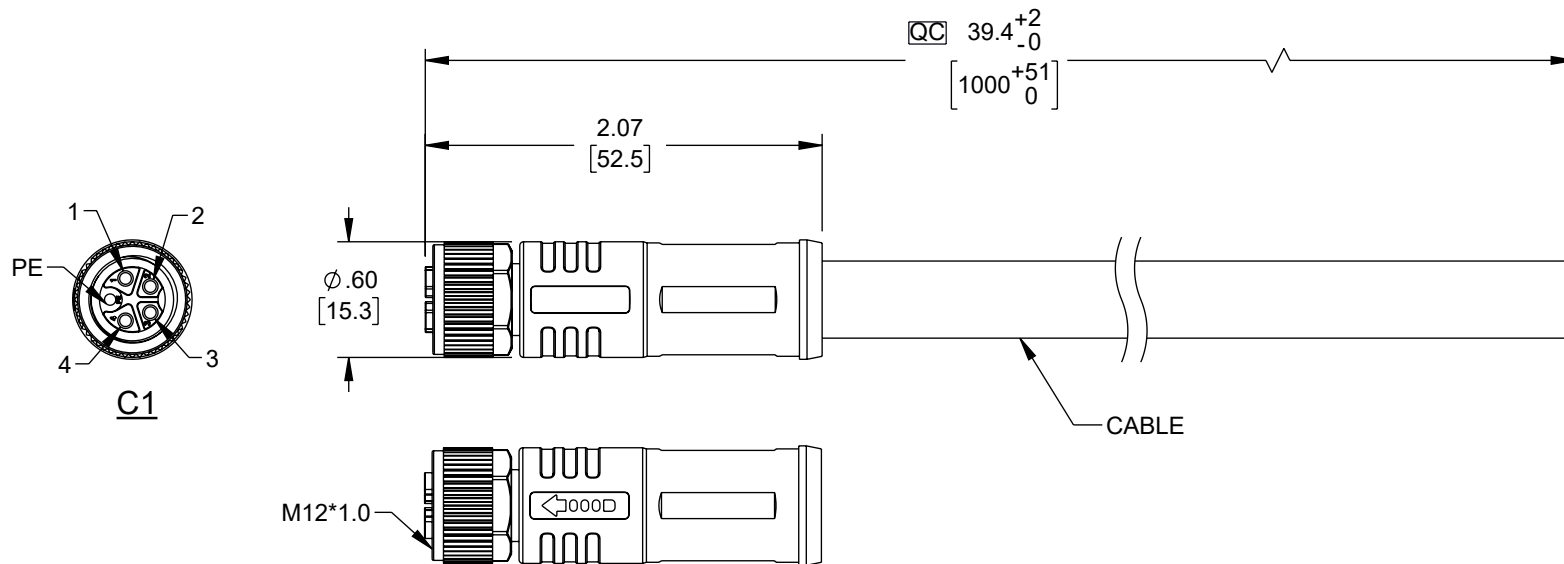
E

D

C

B

A



NOTES:

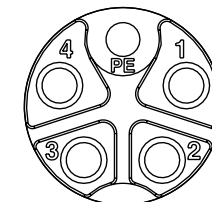
- QC** IMPORTANT DIMENSION.
- WATERPROOF RATE: IP68, MATED 1m/24h
IP69K, MATED
- C1:
 - HOUSING: THERMOPLASTIC, BLACK
 - PIN: COPPER ALLOY, GOLD PLATED
 - O-RING: RUBBER, GRAY
 - NUT: METAL
 - OUTER MOLD: THERMOPLASTIC, BLACK
- CABLE: UL20234, 14AWG*5C
PU JACKET, OD=10mm, BLACK
- TEMPERATURE RANGE: -20°C 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
.XX = ±.02 [0.5] ± 1/32
.XXX = ±.005 [0.13] ANGLES ± 1°

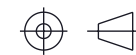
CABLE LENGTH TOLERANCES:
≤12 [305] = +1 [25] / -0
>12 [305] ≤ 60 [1524] = +2 [51] / -0
>60 [1524] ≤ 120 [3048] = +4 [102] / -0
>120 [3048] ≤ 300 [7620] = +6 [152] / -0
>300 [7620] = +5% / -0

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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Phone: 1.888.519.9505



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	3SVT8	DMAY	M12K505-P4B-1M	A

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