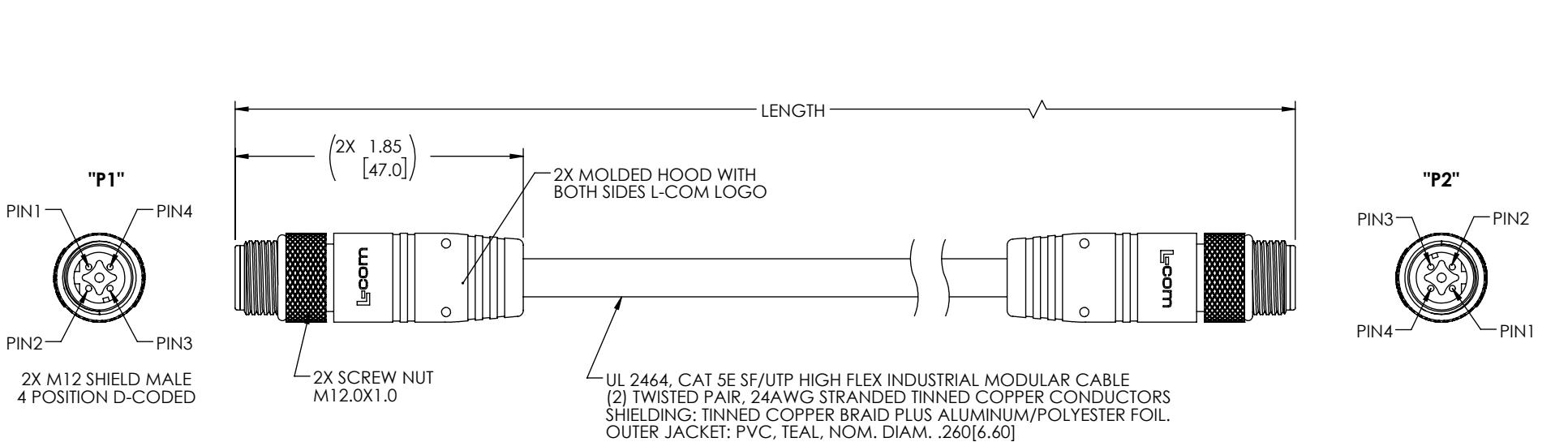


## REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	08/01/2025	BZHANG	WLI



## NOTES

## MATERIAL:

MOLDED HOOD: PVC, BLACK,UV RESISTANCE  
M12 INSULATOR: NYLON, BLACK  
M12 SHELL/SCREW NUT: BRASS, NICKEL PLATE  
M12 CONTACTS: PHOSPHOR BRONZE,15 $\mu$ " MIN. GOLD PLATE

## ELECTRICAL:

NOMINAL VOLTAGE RATING: 250 VAC/VDC  
MAX CURRENT: 4A

## APPLICATION:

INGRESS PROTECTION RATING IS IP68 (MATED).

## ENVIRONMENTAL:

OPERATING TEMPERATURE RANGE: -40°C TO +75°C  
CABLE JACKET: OIL, SUNLIGHT and WELD SPLATTER RESISTANT  
CABLE FLEX LIFE: 1 MILLION CYCLE TEST (10X CABLE OD)  
10 MILLION CYCLE TEST (20X CABLE OD)

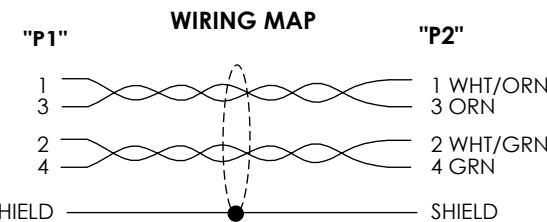
## MISCELLANEOUS

CABLE ASSEMBLIES TO BE TESTED FOR CONTINUITY  
CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED IN  
ACCORDANCE WITH L-COM SPECIFICATION PS-0031.

## REGULATORY COMPLIANCE:

EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)

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PART NUMBER	LENGTH	
	METERS	FEET
TRG501-C4T-05M	0.5	1.64
TRG501-C4T-1M	1.0	3.28
TRG501-C4T-2M	2.0	6.56
TRG501-C4T-3M	3.0	9.84
TRG501-C4T-5M	5.0	16.41
TRG501-C4T-10M	10.0	32.82
TRG501-C4T-15M	15.0	49.22

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:  
≤12 [305] =  $\pm 1$  [25] / -0  
≥12 [305] ≤ 60 [1524] =  $\pm 2$  [51] / -0  
≥60 [1524] ≤ 120 [3048] =  $\pm 4$  [102] / -0  
≥120 [3048] ≤ 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 C5E M12D M/M PVC 24 TEL

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	BZHANG	TRG501-C4T	A