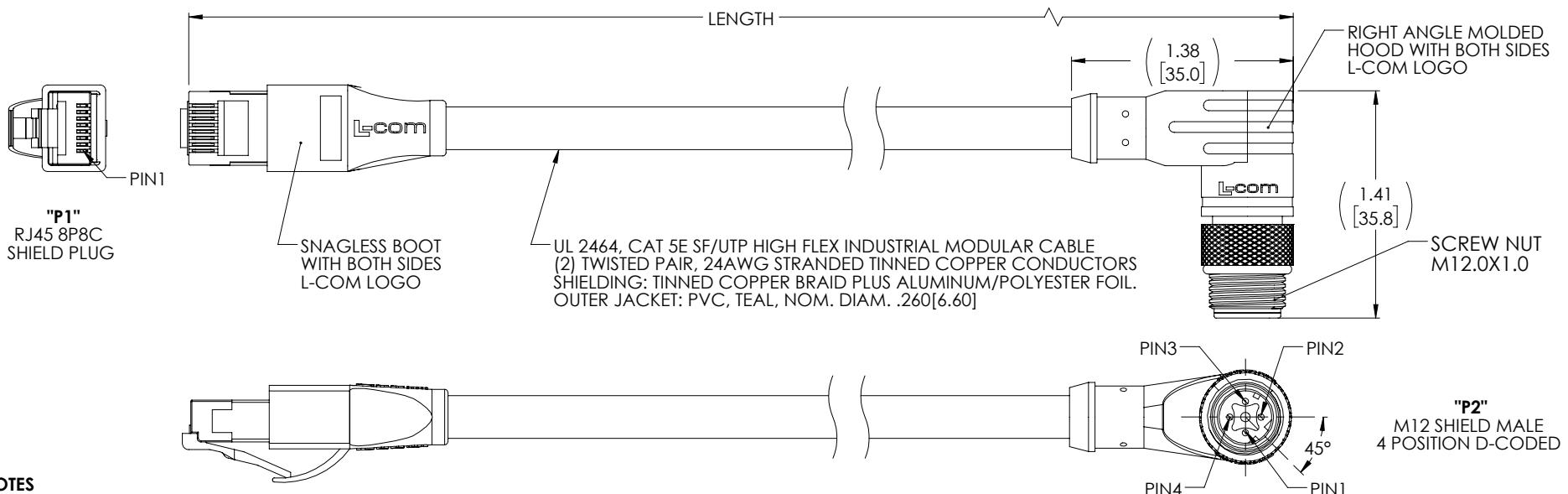


## REVISION

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 PLATED  
 M12 CONTACTS: PHOSPHOR BRONZE, 15 $\mu$ " MIN. GOLD PLATED  
 SNAGLESS BOOT: LOW SMOKE ZERO HALOGEN, BLACK  
 RJ45 HOUSING: POLYCARBONATE, CLEAR UL94V-0  
 RJ45 SHIELD/STRAIN RELIEF: BRASS, NICKEL PLATED  
 RJ45 CONTACTS: PHOSPHOR BRONZE, 50 $\mu$ " MIN. GOLD PLATE IN CONTACT AREA OVER NICKEL PLATE OVERALL

## ELECTRICAL:

NOMINAL VOLTAGE RATING: 125 VAC/VDC  
 MAX CURRENT: 1.5A

## APPLICATION:

INGRESS PROTECTION RATING IS IP67 (MATED, P2 ONLY).

## 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

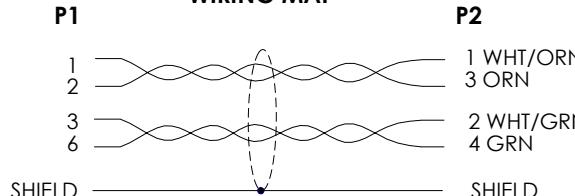
CABLE ASSEMBLIES TO BE TESTED FOR CONTINUITY  
 CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM SPECIFICATION PS-0031.

## REGULATORY COMPLIANCE:

EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)

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## WIRING MAP



PART NUMBER	LENGTH	
	METERS	FEET
TRG508-C4T-05M	0.5	1.64
TRG508-C4T-1M	1.0	3.28
TRG508-C4T-2M	2.0	6.56
TRG508-C4T-3M	3.0	9.84
TRG508-C4T-5M	5.0	16.41
TRG508-C4T-10M	10.0	32.82
TRG508-C4T-15M	15.0	49.22

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

TOLERANCES:  
 $X = \pm 0.2 [5]$  FRACTIONS  
 $XX = \pm 0.02 [0.5]$   $\pm 1/32$   
 $XXX = \pm .005 [0.13]$  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  
 C5E M12 RA MD-RJ45 PVC 24 TEL

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	BZHANG	TRG508-C4T	A