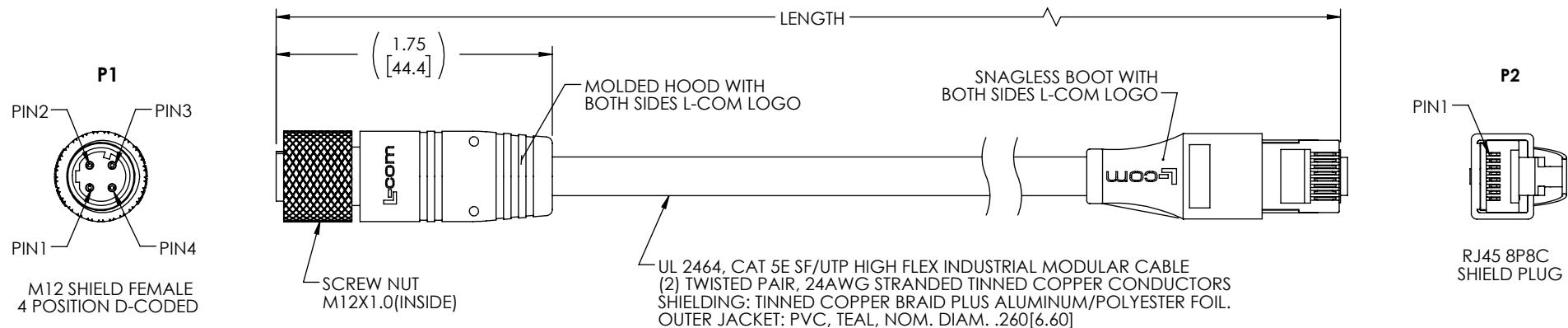


REVISION

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

F

F



NOTES

MATERIAL:

MOLDED HOOD: PVC, BLACK,UV RESISTANCE
 M12 INSULATOR: NYLON, BLACK
 M12 SHELL/SCREW NUT: BRASS ,NICKEL PLATE
 M12 CONTACTS: PHOSPHOR BRONZE, 15 μ " MIN. GOLD PLATE
 SNAGLESS BOOT: LOW SMOKE ZERO HALOGEN, BLACK
 RJ45 HOUSING: POLYCARBONATE, CLEAR UL94 V-0
 RJ45 SHIELD/STRAIN RELIEF: BRASS, NICKEL PLATE
 RJ45 CONTACTS: PHOSPHOR BRONZE , 50 μ " 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 IP68 (P1 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)

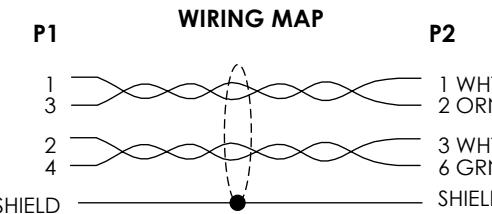
MISCELLANEOUS

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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PART NUMBER	LENGTH	
	METERS	FEET
TRG506-C4T-05M	0.5	1.64
TRG506-C4T-1M	1.0	3.28
TRG506-C4T-2M	2.0	6.56
TRG506-C4T-3M	3.0	9.84
TRG506-C4T-5M	5.0	16.41
TRG506-C4T-10M	10.0	32.82
TRG506-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:
 $\leq 12 [305] = \pm 1 [25] / -0$
 $> 12 [305] \leq 60 [1524] = \pm 2 [51] / -0$
 $> 60 [1524] \leq 120 [3048] = \pm 4 [102] / -0$
 $> 120 [3048] \leq 300 [7620] = \pm 6 [152] / -0$
 $> 300 [7620] = \pm 5\% / -0$

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 M12FD-RJ45 PVC 24 TEL

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	BZHANG	TRG506-C4T	A