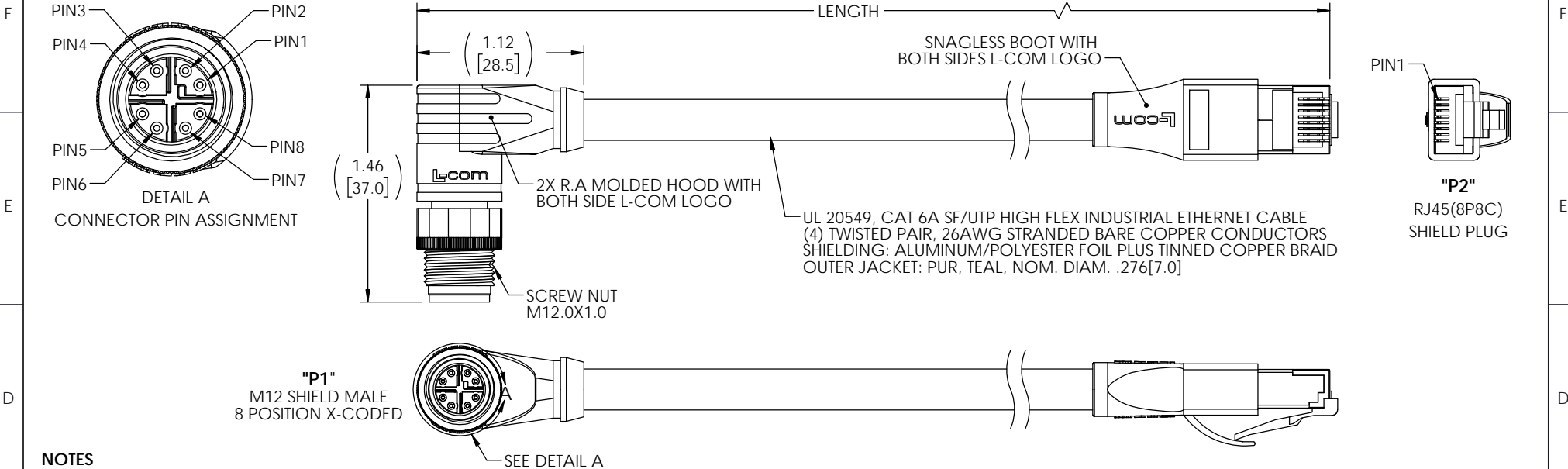


REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	05/08/2026	BZHANG	WLI



NOTES

MATERIAL:
 MOLDED HOOD: TPU,UL94 V-0, BLACK
 M12 INSULATOR: NYLON, BLACK
 M12 SHELL/SCREW NUT: BRASS ,NICKEL PLATE
 M12 CONTACTS: PHOSPHOR BRONZE,15µ" 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, 50µ" MIN. GOLD PLATE IN CONTACT AREA OVER NICKEL PLATE OVERALL

ELECTRICAL:
 NOMINAL VOLTAGE RATING: 48 VAC/VDC
 MAX CURRENT: 0.5A

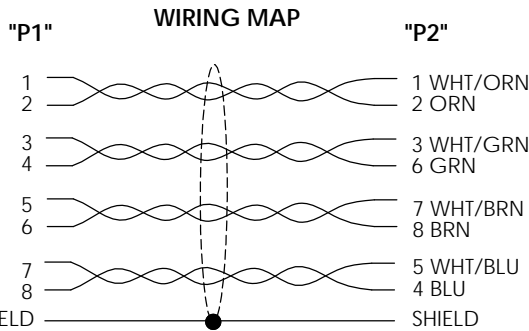
APPLICATION:
 INGRESS PROTECTION RATING IS IP67 (MATED ,P1 ONLY).

ENVIRONMENTAL:
 OPERATING TEMPERATURE RANGE: -40°C TO +75°C
 CABLE JACKET: OIL, SUNLIGHT and WELD SPLATTER RESISTANT
 CABLE FLEX LIFE: 5 MILLION CYCLE TEST (RADIUS:6X CABLE OD)

MISCELLANEOUS
 CABLE ASSEMBLIES TO BE TESTED FOR CONTINUITY
 WIRED TO IEC 61076-2-109 STANDARDS
 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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PARTNUMBER	LENGTH	
	METERS	FEET
TRG613-P6T-05M	0.5	1.64
TRG613-P6T-1M	1.0	3.28
TRG613-P6T-2M	2.0	6.56
TRG613-P6T-3M	3.0	9.84
TRG613-P6T-5M	5.0	16.41
TRG613-P6T-10M	10.0	32.81
TRG613-P6T-15M	15.0	49.22

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: C6A M12X RA M/RJ45 PUR 26 TEL

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	BZHANG	TRG613-P6T	A