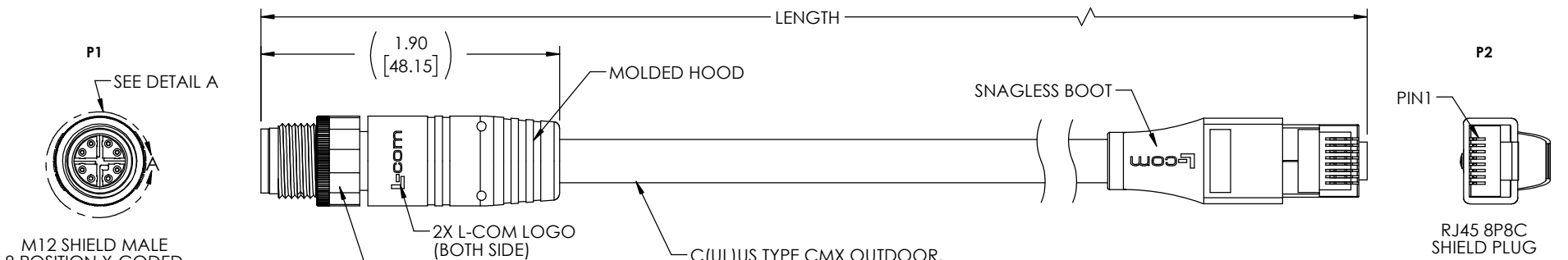
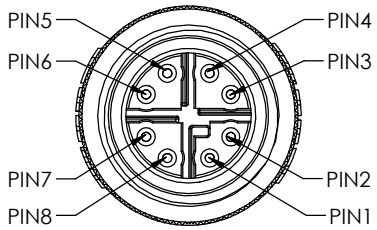
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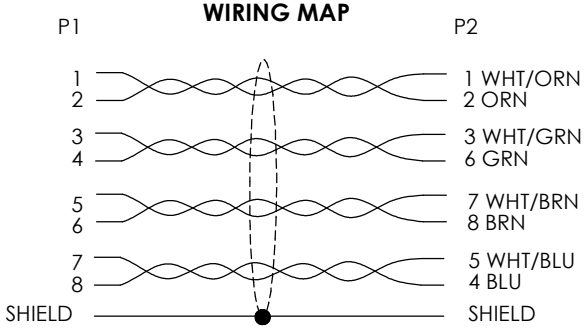
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	06/23/16	D.GRIFFIN
B	ECN 8810:CHANGED IP RATING TO IP67 , MOLDED HOOD ADD FOUR LOCATION HOLES	06/08/17	DCUI
C	ECN 11467; ADD 05M & 15M LENGTH TO TABLE AND FLEX LIFE TO ENVIRONMENTAL NOTE	10/28/21	GUTTADAURO





DETAIL A
CONNECTOR PIN ASSIGNMENT

WIRING MAP



PART NUMBER	LENGTH	
	FEET	METERS
TRG610-T6T-05M	1.64	0.5
TRG610-T6T-1M	3.28	1.0
TRG610-T6T-2M	6.56	2.0
TRG610-T6T-3M	9.84	3.0
TRG610-T6T-5M	16.41	5.0
TRG610-T6T-10M	32.82	10.0
TRG610-T6T-15M	49.22	15.0

NOTES

MATERIAL:
MOLDED HOOD: THERMOPLASTIC POLYURETHANE, BLACK
INSULATOR: NYLON, BLACK
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 UL96V-0
RJ45 SHIELD/STRAIN RELIEF: BRASS, 100µ" MIN. NICKEL PLATE
RJ45 CONTACTS: PHOSPHOR BRONZE , 50µ" MIN. GOLD PLATE IN CONTACT AREA OVER 100µ" MIN. 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 RESISTANCE: OIL, SUNLIGHT, AND WELD SPLATTER RESISTANT
C 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
WIRED TO IEC 61076-2-109 STANDARDS
CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM SPECIFICATION PS-0031.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm]
OVERALL CABLE LENGTH TOLERANCE:
≤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 OTHER DIMENSIONAL TOLERANCES:
.X = ± .2 [5]
.XX = ± .02 [.5]
.XXX = ± .005 [.13]
FRACTIONS ± 1/32
ANGLES ± 1°
THIRD-ANGLE PROJECTION

APPROVALS	DATE
DRAWN BY DCUI	01/05/16
CHECKED BY D.DESJARDIN	03/10/16
APPROVED BY GUTTADAURO	03/10/16

CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY
COLOR VARIATIONS MAY OCCUR
REF

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Phone: 1.800.341.5266
1.978.682.6936

CATEGORY
TELECOM/MODULAR

PRODUCT DESCRIPTION
C6A M12MX-RJ45 TPE 26 TEL

SIZE	CAGE CODE	DWG. NO.	REV.
A	43321	TRG610-T6T	C

SCALE: NONE | CAD FILE: TRG610-T6T.SLDDRW | SHEET 1 OF 1

T-Rev.D