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REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	C	ECO-15404	01/16/2026	HBAKKE	DGUST

F

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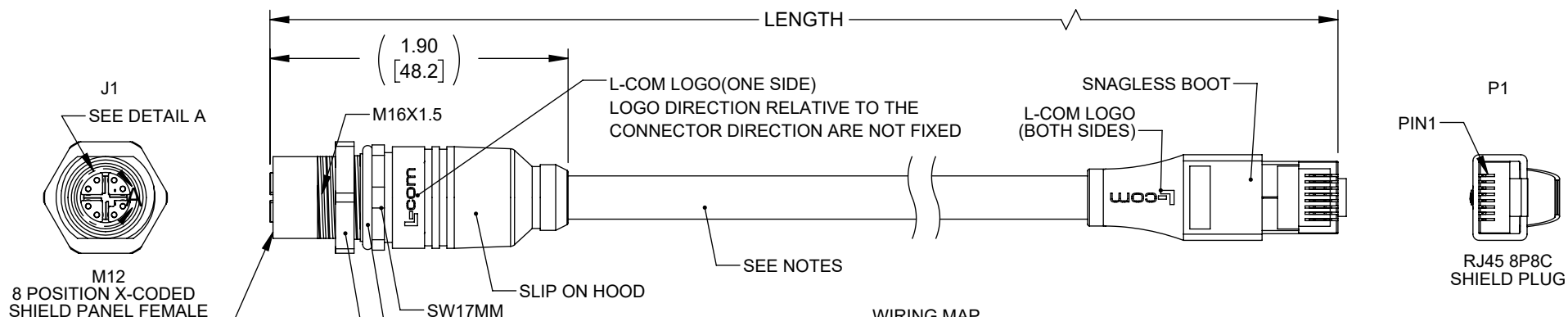
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NOTES

MATERIAL:
SLIP ON HOOD:THERMOPLASTIC POLYURETHANE, BLACK,UL94 V-0
M12 INSULATOR: NYLON, BLACK
M12 SHELL/SCREW NUT: BRASS ,NICKEL PLATE
M12 CONTACTS: PHOSPHOR BRONZE, 15μ" MIN. GOLD PLATE
M12 O-RING:VITON, GREEN
SNAGLESS BOOT: LOW SMOKE ZERO HALOGEN, BLACK
RJ45 HOUSING: POLYCARBONATE, CLEAR UL94V-0
RJ45 SHIELD/STRAIN RELIEF: BRASS, NICKEL PLATE
RJ45 CONTACTS: PHOSPHOR BRONZE , 50μ" MIN. GOLD PLATE IN CONTACT AREA OVER NICKEL PLATE OVERALL
CABLE:
C(UL)US TYPE CMX OUTDOOR,CAT 6A SF/UTP HIGH FLEX CABLE
(4) TWISTED PAIR, 26AWG STRANDED TINNED COPPER CONDUCTORS
SHIELDING: ALUMINUM/POLYESTER FOIL PLUS TINNED COPPER BRAID
JACKET: THERMOPLASTIC ELASTOMER, TEAL, NOM. DIAM. .275[6.99]

ELECTRICAL:
NOMINAL VOLTAGE RATING: 48 V AC/DC
MAX CURRENT: 0.5A

APPLICATION:
INGRESS PROTECTION RATING IS IP67 (MATED ,J1 ONLY).

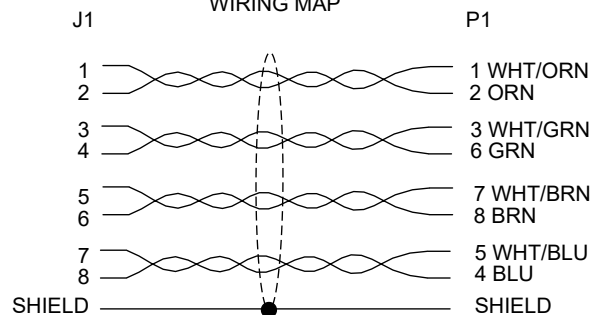
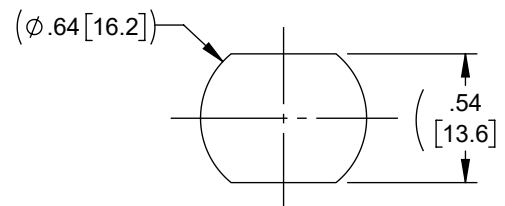
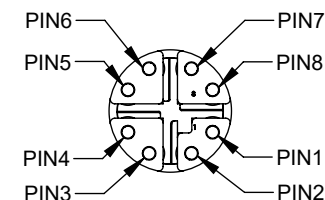
ENVIRONMENTAL:
OPERATING TEMPERATURE RANGE: -40°C TO +75°C
CABLE JACKET RESISTANCE: OIL, SUNLIGHT, AND WELD SPLATTER RESISTANT
CABLE FLEX LIFE: 1 MILLION CYCLE TEST (10X CABLE OD)
10 MILLION CYCLE TEST (20X CABLE OD)

MISCELLANEOUS
CABLE ASSEMBLIES TO BE TESTED FOR CONTINUITY
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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WIRING MAP

DETAIL A
CONNECTOR PIN ASSIGNMENT

RECOMMENDED MOUNT HOLE

PART NUMBER	LENGTH	
	FEET	METERS
TRG611-T6T-05M	1.64	0.5
TRG611-T6T-1M	3.28	1.0
TRG611-T6T-2M	6.56	2.0
TRG611-T6T-3M	9.84	3.0
TRG611-T6T-5M	16.41	5.0
TRG611-T6T-10M	32.82	10.0
TRG611-T6T-15M	49.22	15.0

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

TOLERANCES:
X = ±.2 [5] FRACTIONS
XX = ±.02 [0.5] ± 1/32
XXX = ±.005 [0.13] ANGLES ± 1°

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 NONE SHEET 1 OF 1

DESCRIPTION

CATEGORY 6A M12 8 POSITION X CODE DOUBLE SHIELDED
INDUSTRIAL CABLE, M12 F PANEL MOUNT / RJ45

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	DCUI	TRG611-T6T	C

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