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REVISION

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

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C

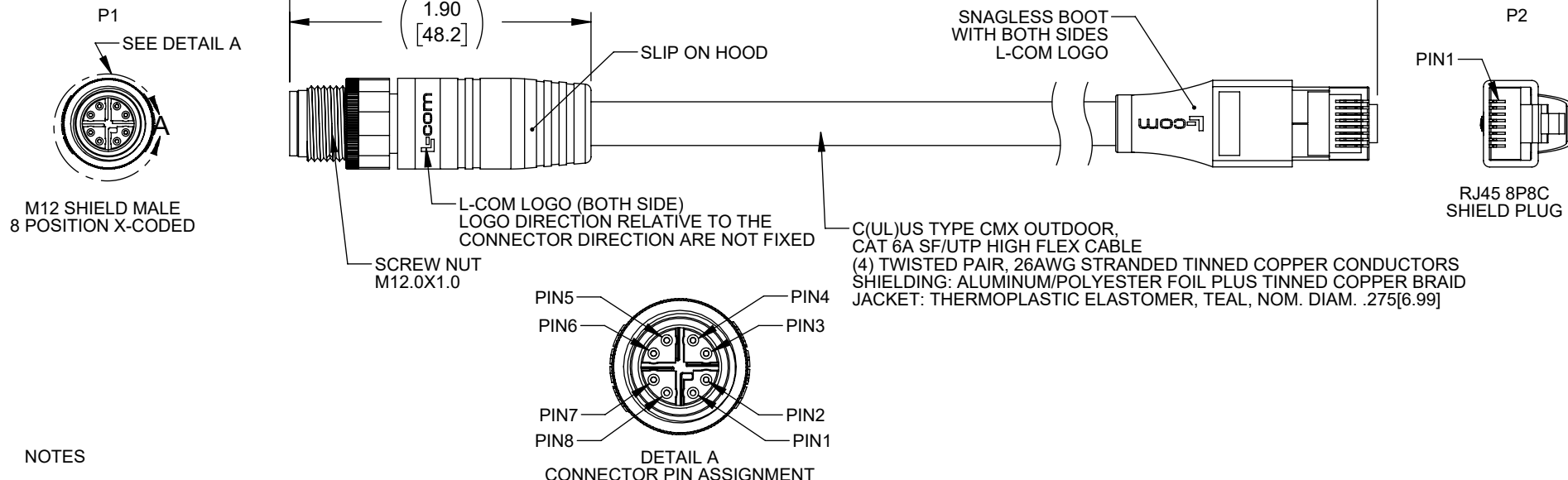
C

B

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NOTES

MATERIAL:

SLIP ON HOOD: THERMOPLASTIC POLYURETHANE, 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 UL94V-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 RESISTANCE: OIL, SUNLIGHT, AND WELD SPLATTER RESISTANT
CABLE FLEX LIFE: 1 MILLION CYCLE TEST (10X CABLE OD)
10 MILLION CYCLE TEST (20X CABLE OD)

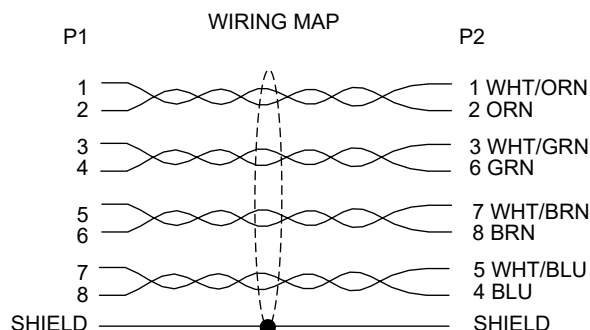
MISCELLANEOUS

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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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

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 SF/UTP INDUSTRIAL
CABLE, M12 M / RJ45

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	DCUI	TRG610-T6T	D

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