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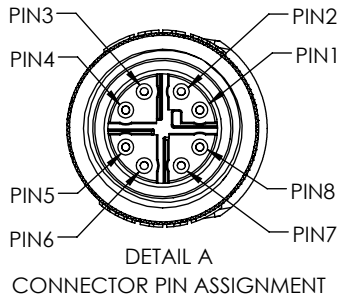
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REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	08/04/2025	BZHANG	WLI

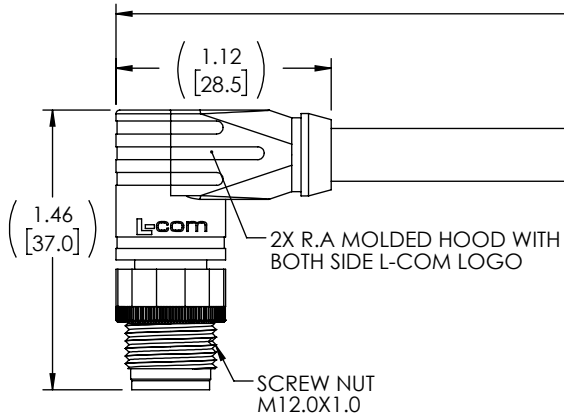
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E

D

"P1"
M12 SHIELD MALE
8 POSITION X-CODED



SEE DETAIL A

NOTES

MATERIAL:

MOLDED HOOD: PVC, BLACK,UV RESISTANCE
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: 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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LC LG Rev-D5 Asize

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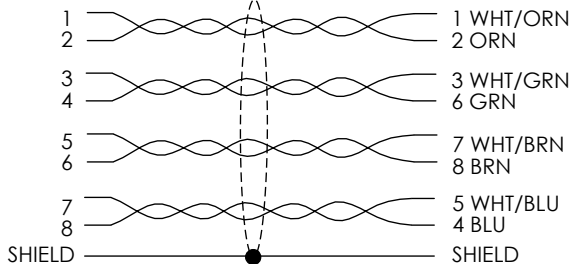
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"P1" WIRING MAP



"P2"

PARTNUMBER	LENGTH	
	METERS	FEET
TRG613-C6T-05M	0.5	1.64
TRG613-C6T-1M	1.0	3.28
TRG613-C6T-2M	2.0	6.56
TRG613-C6T-3M	3.0	9.84
TRG613-C6T-5M	5.0	16.41
TRG613-C6T-10M	10.0	32.81
TRG613-C6T-15M	15.0	49.22

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

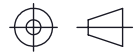
TOLERANCES:
X = ±.2 [5] FRACTIONS
XX = ±.02 [0.5] ± 1/32
XXX = ±.005 [0.13] ANGLES ± 1°

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 SHEET
NONE 1 OF 1

DESCRIPTION

C6A M12X RA M/RJ45 PVC 26 TEL

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	BZHANG	TRG613-C6T	A