

6

5

4

3

2

1

REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	B	ECO-15404	01/16/2026	BZHANGHBAKKE	DGUST

F

E

D

C

B

A

F

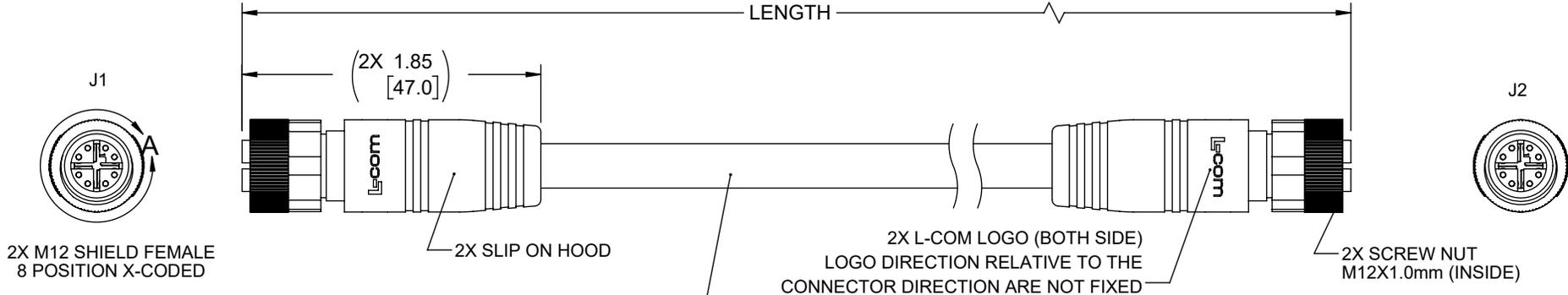
E

D

C

B

A

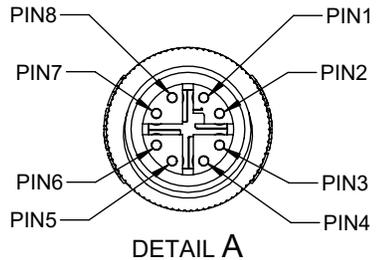


2X M12 SHIELD FEMALE
8 POSITION X-CODED

2X SLIP ON HOOD

2X L-COM LOGO (BOTH SIDE)
LOGO DIRECTION RELATIVE TO THE
CONNECTOR DIRECTION ARE NOT FIXED

2X SCREW NUT
M12X1.0mm (INSIDE)



DETAIL A

C(UL)US TYPE CMX OUTDOOR,
CAT 6A SF/UTP HIGH FLEX CABLE
(4) TWISTED PAIR, 26AWG STRANDED TINNED COPPER CONDUCTORS
SHIELDING: TINNED COPPER BRAID PLUS ALUMINUM/POLYESTER FOIL
JACKET: THERMOPLASTIC ELASTOMER, TEAL, NOM. DIAM. .275[6.99]

NOTES

CONNECTOR PIN ASSIGNMENT

MATERIAL:
SLIP ON HOOD: THERMOPLASTIC POLYURETHANE, BLACK
INSULATOR: NYLON, BLACK
SHELL/SCREW NUT: BRASS, NICKEL PLATE
CONTACTS: PHOSPHOR BRONZE, 15" MIN. GOLD PLATE

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

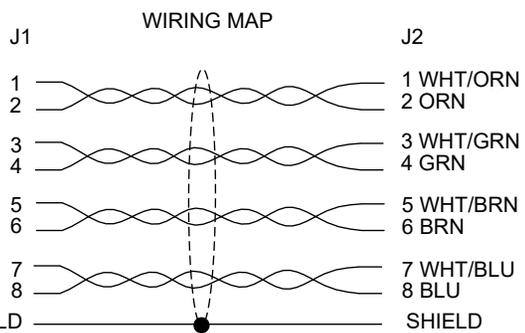
APPLICATION:
INGRESS PROTECTION RATING IS IP67 (MATED).

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).

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF INFINITE ELECTRONICS, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF INFINITE ELECTRONICS, INC. IS PROHIBITED. THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.



PART NUMBER	LENGTH	
	METERS	FEET
TRG609-T6T-05M	0.5	1.64
TRG609-T6T-3M	3.0	9.84
TRG609-T6T-5M	5.0	16.41

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



an INFINIT@ brand

Website: www.L-com.com
Phone: 1.800.341.5266 | 1.978.682.6936

<p>INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5</p> <p>SCALE: NONE SHEET: 1 OF 1</p>	
<p>DESCRIPTION</p> <p>CATEGORY 6A 10G M12 IP67 8 POSITION X CODE DOUBLE SHIELDED SF/UTP INDUSTRIAL OUTDOOR HIGH FLEX CABLE, M12 F TO M12 F, CMX TPE, TEAL</p>	
SIZE	REV
A	B
CAGE CODE	DRAWN BY
43321	BZHANG
ITEM NO.	
TRG609-T6T	