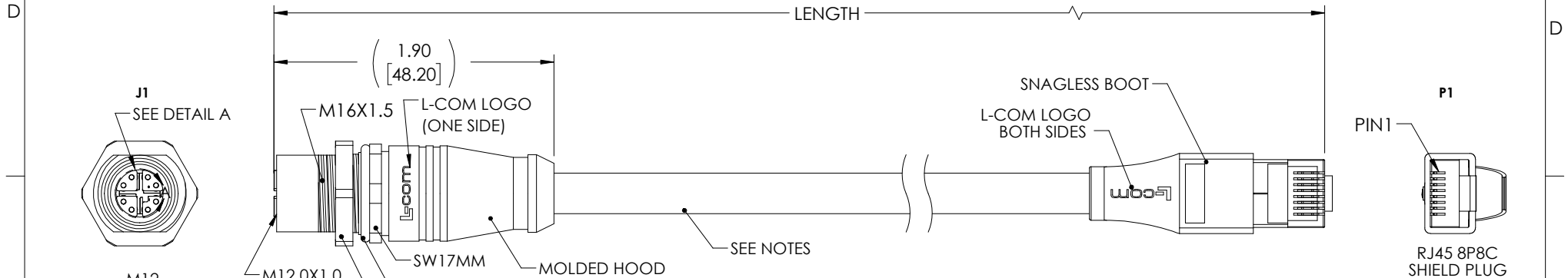


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| REVISIONS |                                                                        |          |            |
|-----------|------------------------------------------------------------------------|----------|------------|
| REV       | DESCRIPTION                                                            | DATE     | APPROVED   |
| A         | REV A DRAWING RELEASED                                                 | 03/14/19 | GUTTADAURO |
| B         | ECN 11467: ADD 15M LENGTH TO TABLE AND FLEX LIFE TO ENVIRONMENTAL NOTE | 10/28/21 | GUTTADAURO |
|           |                                                                        |          |            |
|           |                                                                        |          |            |



#### NOTES

**MATERIAL:**  
MOLDED HOOD: THERMOPLASTIC POLYURETHANE, BLACK, UL94 V-0  
INSULATOR: NYLON, BLACK  
SHELL/SCREW NUT: BRASS, NICKEL PLATE  
M12 CONTACTS: PHOSPHOR BRONZE, 15µ" MIN. GOLD PLATE  
O-RING: VITON, GREEN  
SNAGLESS BOOT: LOW SMOKE ZERO HALOGEN, BLACK  
RJ45 HOUSING: POLYCARBONATE, CLEAR UL94V-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  
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]

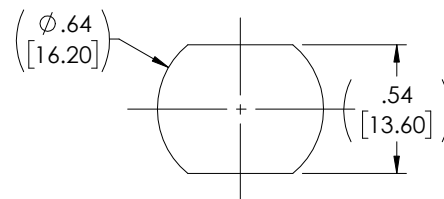
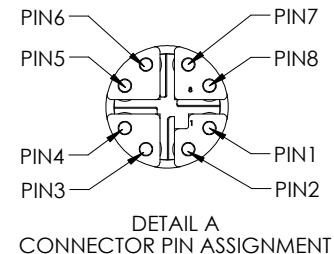
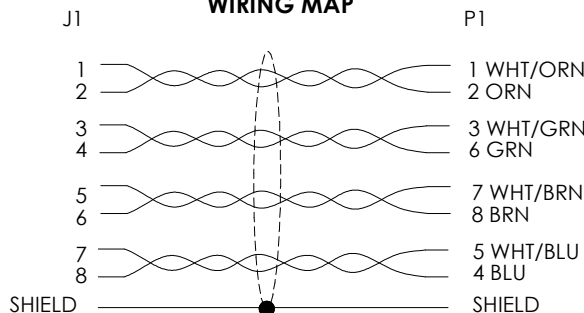
**ELECTRICAL:**  
NOMINAL VOLTAGE RATING: 48 V AC/DC  
MAX CURRENT: 0.5A

**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.

#### WIRING MAP



RECOMMEND 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,<br>DIMENSIONS ARE IN INCHES [mm]                          |  | APPROVALS                                                      |  | DATE                                                  |  | <br>an INFINITI® brand |  | 50 High Street, West Mill,<br>North Andover, MA 01845 USA.<br>Phone: 1.800.341.5266<br>1.978.682.6936 |  |
| OVERALL CABLE LENGTH TOLERANCE:                                                       |  | DRAWN BY<br>DCUI                                               |  | 02/14/19                                              |  |                                                                                                             |  |                                                                                                       |  |
| ≤12 [305] = +1 [25] / -0                                                              |  | CHECKED BY<br>SPAN                                             |  | 02/14/19                                              |  |                                                                                                             |  |                                                                                                       |  |
| >12 [305] ≤60 [1524] = +2 [51] / -0                                                   |  | APPROVED BY<br>GUTTA DAURO                                     |  | 02/14/19                                              |  |                                                                                                             |  |                                                                                                       |  |
| >60 [1524] ≤120 [3048] = +4 [102] / -0                                                |  |                                                                |  |                                                       |  | CATEGORY<br><br>TELECOM/MODULAR                                                                             |  |                                                                                                       |  |
| >120 [3048] ≤300 [7620] = +6 [152] / -0                                               |  |                                                                |  |                                                       |  |                                                                                                             |  |                                                                                                       |  |
| >300 [7620] = +5% / -0                                                                |  |                                                                |  |                                                       |  |                                                                                                             |  |                                                                                                       |  |
| ALL OTHER DIMENSIONAL TOLERANCES:                                                     |  | CONFIGURATION DETAILS OF<br>UNDIMENSIONED FEATURES<br>MAY VARY |  | PRODUCT DESCRIPTION<br><br>C6A M12MXF-RJ45 TPE 26 TEL |  |                                                                                                             |  |                                                                                                       |  |
| .X = ± .2 [5]                                                                         |  | FRACTIONS                                                      |  |                                                       |  |                                                                                                             |  |                                                                                                       |  |
| .XX = ± .02 [5]                                                                       |  | ± 1/32                                                         |  |                                                       |  |                                                                                                             |  |                                                                                                       |  |
| .XXX = ± .005 [13]                                                                    |  | ANGLES ± 1°                                                    |  |                                                       |  |                                                                                                             |  |                                                                                                       |  |
| THIRD-ANGLE PROJECTION                                                                |  | COLOR VARIATIONS<br>MAY OCCUR                                  |  | SIZE<br><b>A</b>                                      |  | CAGE CODE<br><b>43321</b>                                                                                   |  | DWG. NO.<br><br>TRG611-T6T                                                                            |  |
|  |  | REF                                                            |  | SCALE: NONE                                           |  | CAD FILE: TRG611-T6T.SLDDRW                                                                                 |  | REV.<br><b>B</b>                                                                                      |  |
|                                                                                       |  |                                                                |  |                                                       |  |                                                                                                             |  | SHEET 1 OF 1                                                                                          |  |

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