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| REVISION |     |                 |            |            |          |
|----------|-----|-----------------|------------|------------|----------|
| ZONE     | REV | DESCRIPTION     | DATE       | CHANGED BY | APPROVED |
|          | A   | INITIAL RELEASE | 05/08/2026 | BZHANG     | WLI      |

F

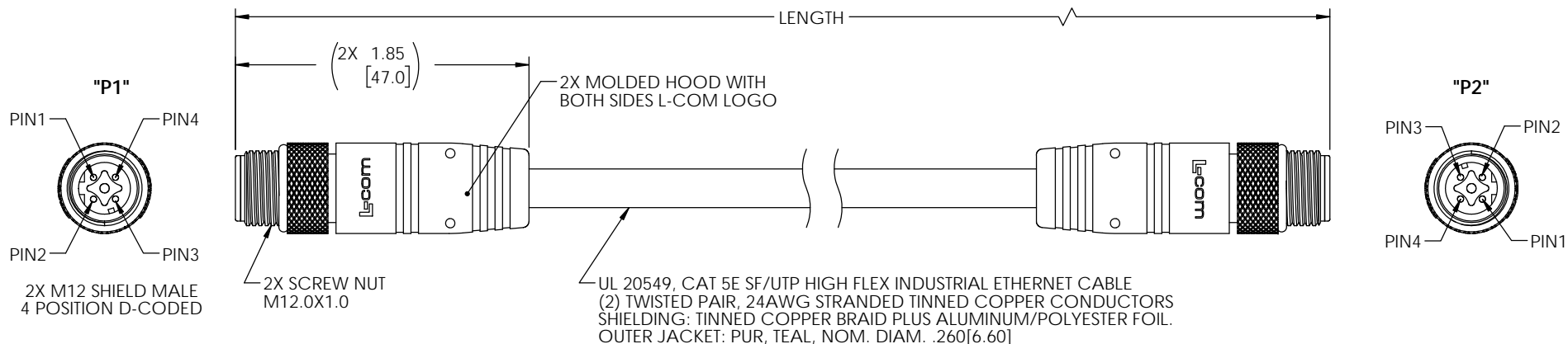
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## NOTES

### MATERIAL:

MOLDED HOOD: TPU, UL94 V-0, BLACK, E  
 M12 INSULATOR: NYLON, BLACK  
 M12 SHELL/SCREW NUT: BRASS, NICKEL PLATE  
 M12 CONTACTS: PHOSPHOR BRONZE, 15 $\mu$  MIN. GOLD PLATE

### ELECTRICAL:

NOMINAL VOLTAGE RATING: 250 VAC/VDC  
 MAX CURRENT: 4A

### APPLICATION:

INGRESS PROTECTION RATING IS IP68 (MATED).

### ENVIRONMENTAL:

OPERATING TEMPERATURE RANGE: -40°C TO +75°C  
 CABLE JACKET: OIL, SUNLIGHT and WELD SPLATTER RESISTANT  
 CABLE FLEX LIFE: 5 MILLION CYCLE TEST (RADIUS: 6X CABLE OD)

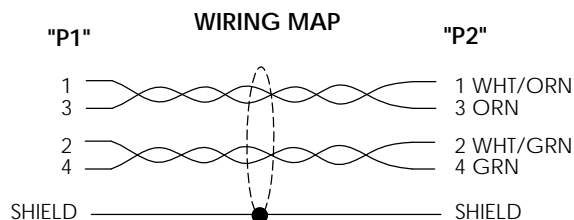
### MISCELLANEOUS

CABLE ASSEMBLIES TO BE TESTED FOR CONTINUITY  
 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 |       |
|----------------|--------|-------|
|                | METERS | FEET  |
| TRG501-P4T-05M | 0.5    | 1.64  |
| TRG501-P4T-1M  | 1.0    | 3.28  |
| TRG501-P4T-2M  | 2.0    | 6.56  |
| TRG501-P4T-3M  | 3.0    | 9.84  |
| TRG501-P4T-5M  | 5.0    | 16.41 |
| TRG501-P4T-10M | 10.0   | 32.82 |
| TRG501-P4T-15M | 15.0   | 49.22 |

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|--|--|----------|--|-----|
| UNLESS OTHERWISE SPECIFIED<br>LEADING DIMENSIONS ARE INCHES<br>DIMENSIONS IN [ ] ARE MILLIMETERS<br><br>TOLERANCES:<br>.X = ±.2 [5]      FRACTIONS ± 1/32<br>.XX = ±.02 [0.5]      ANGLES ± 1°<br>.XXX = ±.005 [0.13]<br><br>CABLE LENGTH TOLERANCES:<br>≤12 [305] = +1 [25] / -0<br>>12 [305] ≤ 60 [1524] = +2 [51] / -0<br>>60 [1524] ≤ 120 [3048] = +4 [102] / -0<br>>120 [3048] ≤ 300 [7620] = +6 [152] / -0<br>>300 [7620] = +5% / -0<br><br>ALL DIMENSIONS ARE FOR REFERENCE ONLY<br>AND SUBJECT TO CHANGE WITHOUT NOTICE.<br>UN-DIMENSIONED NON-CRITICAL FEATURES<br>MAY VARY IN SIZE AND LOCATION<br>COLORS MAY VARY | <br><b>an INFINIT@ brand</b><br>Website: <a href="http://www.L-com.com">www.L-com.com</a><br>Phone: 1.800.341.5266   1.978.682.6936 |          | <br>INTERPRET ALL DIMENSIONS AND<br>TOLERANCES PER ASME Y14.5<br>SCALE      SHEET<br>NONE      1 OF 1 |     |
|  | DESCRIPTION<br><b>C5E M12D M/M PUR 24 TEL</b>  |          |  |     |
| SIZE   | CAGE CODE  | DRAWN BY | ITEM NO.   | REV |
| A  | 43321  | BZHANG   | TRG501-P4T   | A   |

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