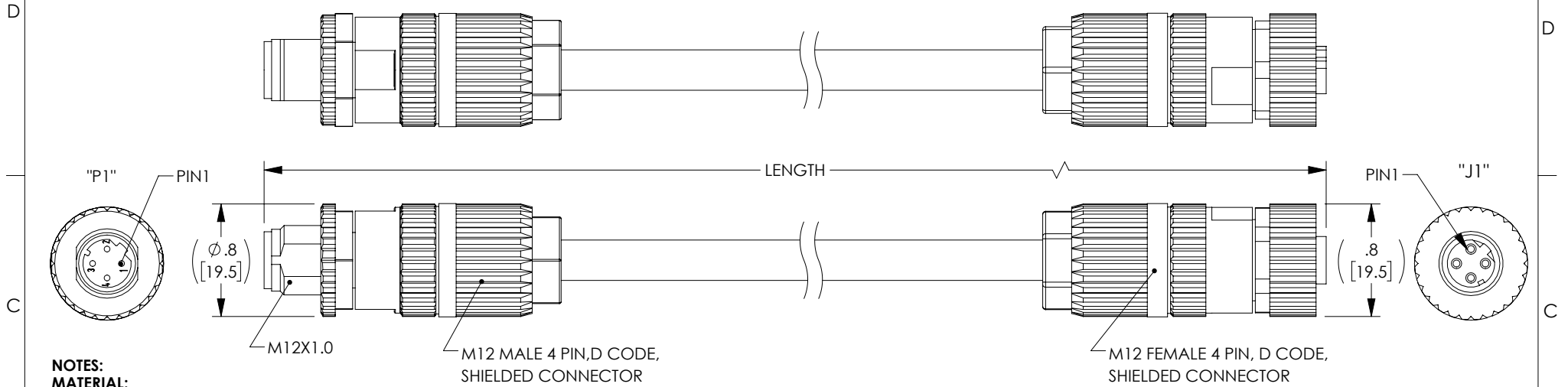


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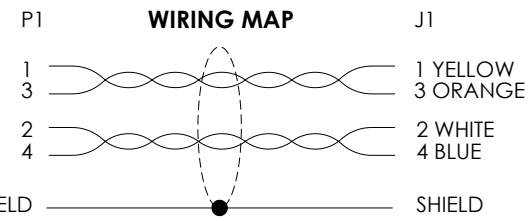
| REVISIONS |                 |            |            |
|-----------|-----------------|------------|------------|
| REV       | DESCRIPTION     | DATE       | APPROVED   |
| A         | INITIAL RELEASE | 18-03-2021 | GUTTADAURO |
|           |                 |            |            |
|           |                 |            |            |


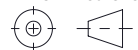


**NOTES:**  
**MATERIAL:**  
 CONTACTS: PHOSPHOR BRONZE.  
 CABLE JACKET: THERMOPLASTIC ELASTOMER, COLOR: GREEN  
**FINISH:**  
 CONTACTS: GOLD IN CONTACT AREA OVER NICKEL PLATE OVERALL.  
**M12 CONNECTOR CHARACTERISTICS:**  
 PROTECTION: IP65/IP67 (WHEN MATED AND TIGHTENED, EN 60529)  
 NOMINAL VOLTAGE: MAX 50 V AC/DC  
 RATED CURRENT: MAX 4A PER CONTACT  
 CATEGORY: CATEGORY 5E (IEC 11801)  
**CABLE CHARACTERISTICS:**  
 CAT 5e, SHIELDED TWO TWISTED PAIRS,  
 INSULATION: HIGH DENSITY POLYETHYLENE, .018" NOM. WALL THICKNESS  
 CONDUCTOR: 22 AWG 7/30 STRANDED TINNED COPPER  
 CABLE: COLOR CODED WIRES CABLED TOGETHER WITH A PVC ROD FILL (.027" +/- .005") AND WRAPPED WITH A FOAM POLYPROPYLENE TAPE TO FORM A CABLE CORE.  
 SHIELDS: AN OVERALL SHIELD OF 38 AWG TINNED COPPER BRAID (80% MINIMUM COVERAGE), SHALL BE APPLIED OVER THE CABLE CORE. A SECOND SHIELD OF AN OVERALL ALUMINIZED POLYESTER FOIL SHIELD (FOIL IN, 100% COVERAGE) SHALL BE APPLIED OVER THE BRAID.  
 FLEX LIFE: 1 MILLION CYCLE TEST (10X CABLE O.D., MINIMUM RADIUS)  
 10 MILLION CYCLE TEST (20X CABLE O.D., MINIMUM RADIUS)  
 OVERALL CABLE DIAMETER NOM.: .250 [6.35]  
 APPROVALS: UL AWM STYLE 2463 (80C 600V)  
 NEC (UL) TYPE PLTC  
 NEC (UL) TYPE CL3  
 UL AWM 2463  
 EU CE MARK: MEETS EU DIRECTIVE 2011/65/EU (RoHS II)

| PART NUMBER  | LENGTH METERS |
|--------------|---------------|
| TRGPC405-05M | 0.5           |
| TRGPC405-1M  | 1.0           |
| TRGPC405-2M  | 2.0           |
| TRGPC405-3M  | 3.0           |
| TRGPC405-5M  | 5.0           |
| TRGPC405-10M | 10.0          |

VOLTAGE RATING: 600V  
 RESISTANCE: OIL, UV AND WELD SPLATTER  
**MISCELLANEOUS:**  
 POE COMPLIANT TO 100 METERS WHEN INSTALLED PER RECOMMENDATIONS IN TIA TSB-184  
 OPERATING TEMPERATURE RANGE: -40°C TO +80°C.  
 HIGH FLEX CABLE IS APPROPRIATE FOR PROFINET TYPE B AND C APPLICATIONS  
 CABLE ASSEMBLY TO BE TESTED FOR CONTINUITY.  
 CABLE ASSEMBLY TO BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM SPECIFICATION PS-0031.



|  |   |                        |  |   |                  |                                    |
|--|---|------------------------|--|---|------------------|------------------------------------|
| UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm]  | APPROVALS   | DATE                   | <br>an INFINITO 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:<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 | DRAWN BY<br>MVEERAPPAN |  |   | 18-03-2021       | CATEGORY<br><b>TELECOM/MODULAR</b> |
| ALL OTHER DIMENSIONAL TOLERANCES:<br>.X = ± .2 [5]   FRACTIONS ± 1/32<br>.XX = ± .02 [.5]   ANGLES ± 1°<br>.XXX = ± .005 [.13] | CHECKED BY<br>SPAN  | 18-03-2021             | PRODUCT DESCRIPTION<br><b>Profinet C5e M124DM/M124DF SF/UTP<br/>         TPE GRN</b>                       |   |                  |                                    |
|  | APPROVED BY<br>GUTTADAURO   | 18-03-2021             |  | CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY  | SIZE<br><b>A</b> | CAGE CODE<br><b>43321</b>          |
| THIRD-ANGLE PROJECTION<br>                | COLOR VARIATIONS MAY OCCUR  | SCALE: NONE            | CAD FILE: TRGPC405.SLDRW   | SHEET 1 OF 1  |                  |                                    |