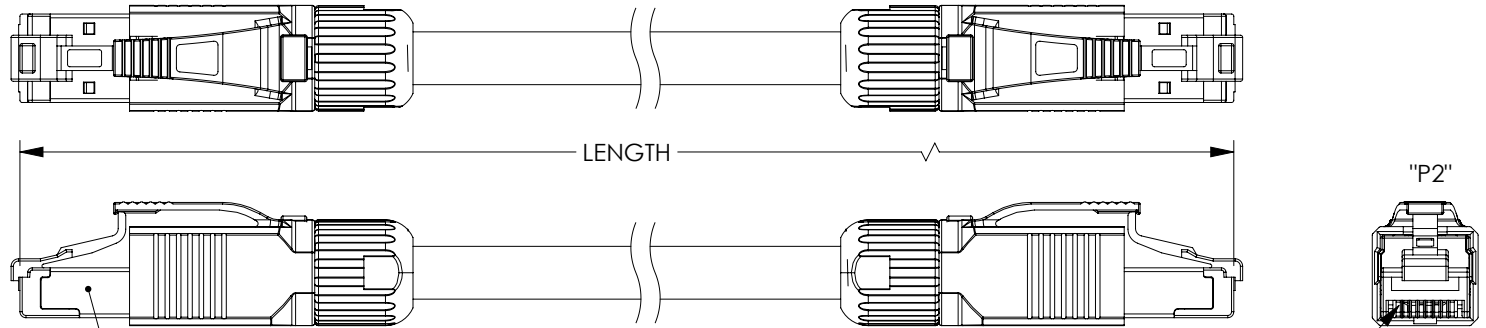


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| REVISIONS | | | |
|-----------|-----------------|------------|------------|
| REV | DESCRIPTION | DATE | APPROVED |
| A | INITIAL RELEASE | 18-03-2021 | GUTTADAURO |
| | | | |
| | | | |



2X, RJ45 CAT 5e
PROFINET FIELD TERM SHIELDED PLUG

NOTES:

MATERIAL:

CONTACTS: PHOSPHOR BRONZE.

CABLE JACKET: THERMOPLASTIC ELASTOMER, COLOR: GREEN

FINISH:

CONTACTS: GOLD IN CONTACT AREA OVER NICKEL PLATE OVERALL.

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)

VOLTAGE RATING: 600V

RESISTANCE: OIL, UV AND WELD SPLATTER

MISCELLANEOUS:

POE COMPLIANT TO 100 METERS WHEN INSTALLED PER RECOMMENDATIONS IN TIA TSB-184

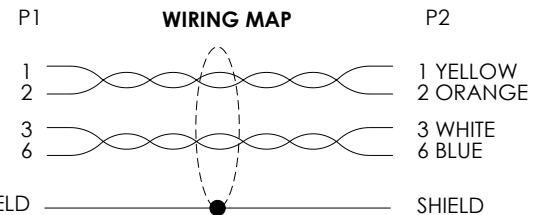
OPERATING TEMPERATURE RANGE: -40°C TO +80°C.


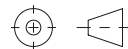
HIGH FLEX CABLE IS APPROPRIATE FOR PROFINET TYPE B AND C APPLICATIONS

CABLE ASSEMBLY TO BE TESTED FOR CONTINUITY.

CABLE ASSEMBLY TO BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM SPECIFICATION PS-0031.

| PART NUMBER | LENGTH METERS |
|--------------|---------------|
| TRGPC401-05M | 0.5 |
| TRGPC401-1M | 1.0 |
| TRGPC401-2M | 2.0 |
| TRGPC401-3M | 3.0 |
| TRGPC401-5M | 5.0 |
| TRGPC401-10M | 10.0 |



| | | | | |
|--|--|------------|--|---|
| UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm] OVERALL CABLE LENGTH TOLERANCE: ≤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 OTHER DIMENSIONAL TOLERANCES: .X = ± .2 [5] FRACTIONS ± 1/32 .XX = ± .02 [.5] ANGLES ± 1° .XXX = ± .005 [1.3] | APPROVALS | DATE |  an INFINITO brand | 50 High Street, West Mill, North Andover, MA 01845 USA. Phone: 1.800.341.5266 1.978.682.6936 |
| | DRAWN BY MVEERAPPAN | 18-03-2021 | | |
| | CHECKED BY SPAN | 18-03-2021 | PRODUCT DESCRIPTION Profinet Cat5e RJ45 SF/UTP 22STR PLTC TPE GRN | |
| | APPROVED BY GUTTADAURO | 18-03-2021 | SIZE A | CAGE CODE 43321 |
| THIRD-ANGLE PROJECTION  | CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY | | DWG. NO. TRGPC401 | REV. A |
| | COLOR VARIATIONS MAY OCCUR | | SCALE: NONE | CAD FILE: TRGPC401.SLDDRW |
| | | | SHEET 1 OF 1 | |