

| ZONE | REV | DESCRIPTION | DATE | CHANGED BY | APPROVED |
|------|-----|-----------------|------------|------------|------------|
| | A | INITIAL RELEASE | 01/14/2025 | HBAKKE | GUTTADAURO |

F

F

E

E

D

D

C

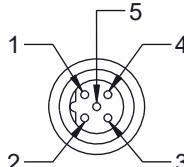
C

B

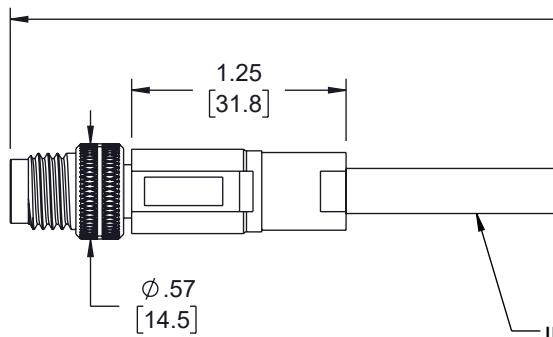
B

A

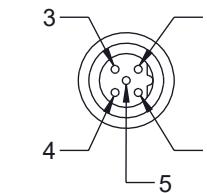
A



P1
M12 MALE
B-CODING
5 POSITION



INDUSTRIAL SHIELDED ETHERNET CABLE
2C*23AWG(19/0.135±0.008BC)+MYLAR+PVC+AL+B(128/0.10TC)
OD: Ø8.0±0.2mm, JACKET: PUR, PURPLE



P2
M12 MALE
B-CODING
5 POSITION

CONNECTION
DIAGRAM

| P1 | P2 |
|----|---------|
| 1 | 1 |
| 2 | 2 GREEN |
| 3 | 3 |
| 4 | 4 RED |
| 5 | 5 |
| S | S |

| ITEM NUMBER | LENGTH [TOL.] | |
|----------------|---------------|--------------------|
| | METERS [mm] | FEET [IN] |
| TRGB501-P3P-1M | 1.0 [+35/-20] | 3.28 [+1.38/-0.79] |
| TRGB501-P3P-5M | 5.0 [±60] | 16.40 [±2.36] |

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

L-com
an INFINITE® brand

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

INTERPRET ALL DIMENSIONS AND
TOLERANCES PER ASME Y14.5

SCALE SHEET
NONE 1 OF 1

DESCRIPTION
IP68 M12 5 POSITION B-CODE MALE TO MALE, INDUSTRIAL
DRAG CHAIN PUR, 23AWG, PURPLE

| | | | | |
|------|-----------|----------|-------------|-----|
| SIZE | CAGE CODE | DRAWN BY | ITEM NO. | REV |
| A | 43321 | HBAKKE | TRGB501-P3P | A |