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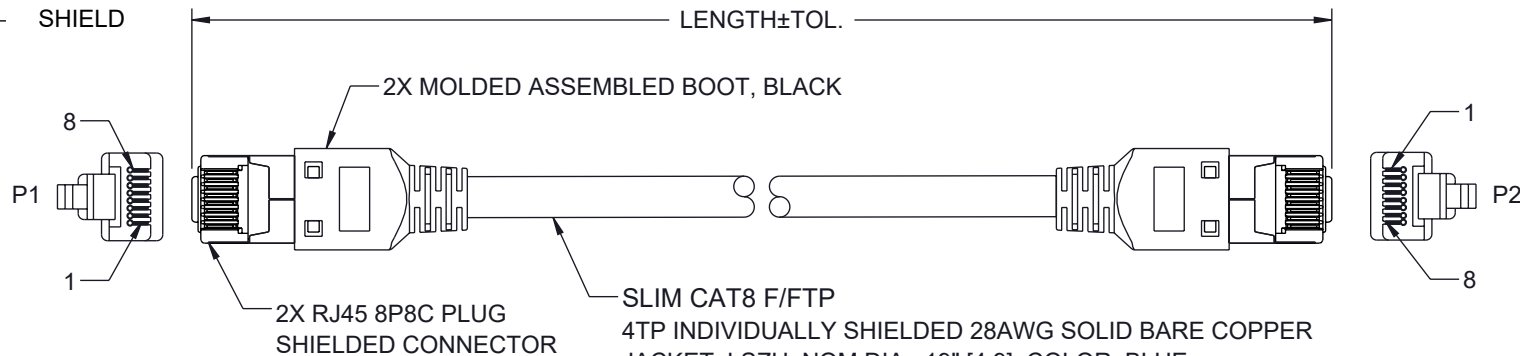
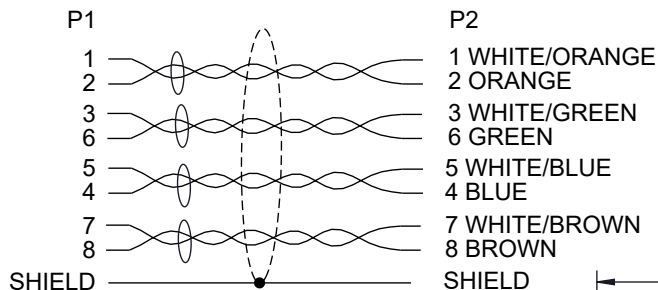
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REVISION

| ZONE | REV | DESCRIPTION | DATE | CHANGED BY | APPROVED |
|------|-----|-----------------|------------|------------|------------|
| | A | INITIAL RELEASE | 01/15/2024 | HBAKKE | GUTTADAURO |

WIRING MAP



NOTES:

PHYSICAL:

- CONDUCTOR TYPE: 28AWG, SOLID BC
- INSULATION: HDPE
- CONDUCTOR DIA: $0.85 \pm 0.05\text{mm}$
- CONNECTOR CONTACT MATERIAL: COPPER ALLOY, $50\mu\text{m}$ GOLD PLATED
- MINIMUM AVERAGE CABLE THICKNESS: $.024 [0.60]$.

ELECTRICAL:

- BANDWIDTH: 2000 MHz
- VOLTAGE RATING: 30 V
- CONDUCTOR DC RESISTANCE: $24.2\Omega/100\text{m}$ (MAXIMUM)
- IMPEDANCE: 100Ω
- CAPACITANCE: $5600\text{pf}/100\text{m}$
- PROPAGATION DELAY: $545\text{ns}/100\text{m}$ (MAXIMUM)
- DELAY SKEW: $45\text{ns}/100\text{m}$ (MAXIMUM)
- PASS FLUKE DSX 8000 CHANNEL TEST

ENVIRONMENTAL:

- INSTALLATION TEMPERATURE RATING: 0°C TO $+50^{\circ}\text{C}$
- OPERATING TEMPERATURE RATING: -20°C TO $+60^{\circ}\text{C}$

MISCELLANEOUS:

- CABLE ASSEMBLY TO BE TESTED FOR CONTINUITY.
- CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED.

REGULATORY COMPLIANCE:

EU RoHS DIRECTIVE (MOST RECENTLY RELEASED VERSION).

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| ITEM NUMBER | LENGTH [TOL.] | |
|-------------------|----------------------|-------------------|
| | FEET [IN] | METERS [mm] |
| TRD828ZTR-BLU-1F | 1.00 [+1.38/- .59] | 0.30 [+35/-15] |
| TRD828ZTR-BLU-2F | 2.00 [+1.38/- .59] | 0.61 [+35/-15] |
| TRD828ZTR-BLU-3F | 3.00 [+1.38/- .59] | 0.91 [+35/-15] |
| TRD828ZTR-BLU-5F | 5.00 [+1.38/- .79] | 1.52 [+35/-20] |
| TRD828ZTR-BLU-7F | 7.00 [+1.38/-1.18] | 2.13 [+35/-30] |
| TRD828ZTR-BLU-10F | 10.00 [+1.38/-1.18] | 3.05 [+35/-30] |
| TRD828ZTR-BLU-15F | 15.00 [+1.38/-1.18] | 4.57 [+35/-30] |
| TRD828ZTR-BLU-25F | 25.00 [± 2.36] | 7.62 [± 60] |

UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:
 .X = $\pm 2 [5]$ FRACTIONS
 .XX = $\pm 0.02 [0.5]$ $\pm 1/32$
 .XXX = $\pm 0.005 [0.13]$ ANGLES $\pm 1^{\circ}$

CABLE LENGTH TOLERANCES:
 $\leq 12 [305] = +1 [25] / -0$
 $>12 [305] \leq 60 [1524] = +2 [51] / -0$
 $>60 [1524] \leq 120 [3048] = +4 [102] / -0$
 $>120 [3048] \leq 300 [7620] = +6 [152] / -0$
 $>300 [7620] = +5\% / -0$

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

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INTERPRET ALL DIMENSIONS AND
TOLERANCES PER ASME Y14.5

SCALE SHEET
NONE 1 OF 1

DESCRIPTION

CAT 8 40GIG ETHERNET CABLE, F/FTP 28AWG, SLIM CABLE
WITH SHORT BODY CONNECTOR, LSZH JACKET, BLUE

| SIZE | CAGE CODE | DRAWN BY | ITEM NO. | REV |
|------|-----------|----------|---------------|-----|
| A | 43321 | HBAKKE | TRD828ZTR-BLU | A |

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