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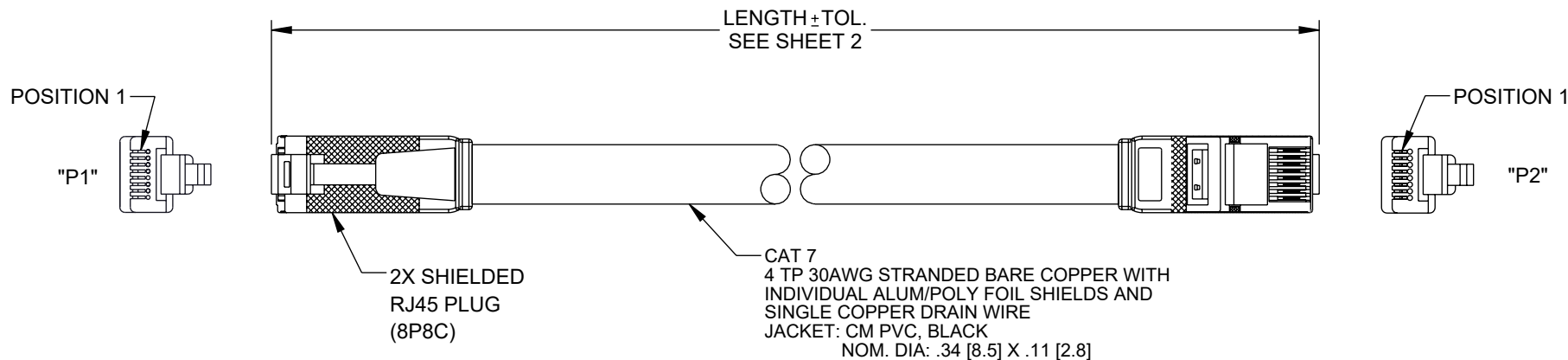
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| REVISION |     |             |           |            |            |
|----------|-----|-------------|-----------|------------|------------|
| ZONE     | REV | DESCRIPTION | DATE      | CHANGED BY | APPROVED   |
|          | B   | ECO-14180   | 1/28/2025 | DMAY       | GUTTADAURO |

**NOTES:****PHYSICAL CHARACTERISTICS:**

- CABLE TYPE: CAT7 U/FTP
- TEMPERATURE RATING:
  - INSTALLATION: 0°C~50°C
  - OPERATION: -20°C~60°C
- VOLTAGE RATING: 30V

**MECHANICAL CHARACTERISTICS:**

- CONTACT MATERIAL: COPPER ALLOY, 50U" GOLD PLATING

**ELECTRICAL CHARACTERISTICS:**

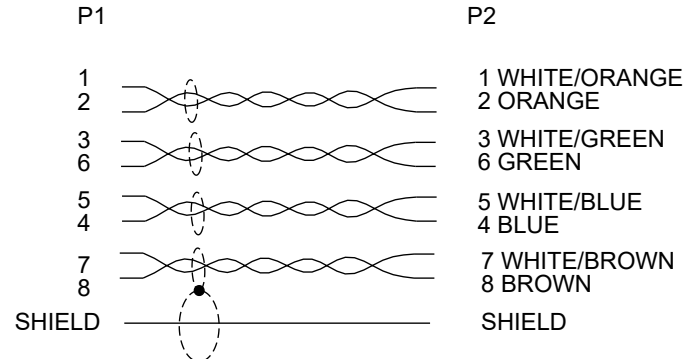
- CONDUCTOR DC RESISTANCE: 38.5Ω/100M (MAXIMUM)
- IMPEDANCE: 100Ω
- CAPACITANCE: 5600pf/100M
- PROPAGATION DELAY: 545ns/100M (MAXIMUM)
- DELAY SKEW: 45ns/100M (MAXIMUM)
- PASS FLUKE DSX 8000 CHANNEL TEST (5% TEST)
- BANDWIDTH: 600MHz

**MISCELLANEOUS:**

- CABLE ASSEMBLY 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)

**WIRING MAP**

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

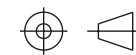
TOLERANCES:  
X = ±.2 [5] FRACTIONS  
.XX = ±.02 [0.5] ± 1/32  
.XXX = ±.005 [0.13] ANGLES ± 1°

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

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Website: [www.L-com.com](http://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 2

| DESCRIPTION                |           |            |            |     |
|----------------------------|-----------|------------|------------|-----|
| C7 FLAT U/FTP 30AWG CM PVC |           |            |            |     |
| SIZE                       | CAGE CODE | DRAWN BY   | ITEM NO.   | REV |
| A                          | 43321     | DFRISIELLO | TRD730FLAT | B   |

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A

| PART NUMBER        | COLOR | LENGTH<br>FEET [METERS] | TOLERANCE<br>INCH [mm] |
|--------------------|-------|-------------------------|------------------------|
| TRD730FLAT-BLK-05F | BLACK | 0.5 [0.15]              | +1.38/- .59 [+35/-15]  |
| TRD730FLAT-BLK-1F  | BLACK | 1.0 [0.30]              | +1.38/- .59 [+35/-15]  |
| TRD730FLAT-BLK-3F  | BLACK | 3.0 [0.91]              | +1.38/- .59 [+35/-15]  |
| TRD730FLAT-BLK-5F  | BLACK | 5.0 [1.52]              | +1.38/- .79 [+35/-20]  |
| TRD730FLAT-BLK-7F  | BLACK | 7.0 [2.13]              | +1.38/-1.18 [+35/-30]  |
| TRD730FLAT-BLK-10F | BLACK | 10.0 [3.04]             | +1.38/-1.18 [+35/-30]  |
| TRD730FLAT-BLK-15F | BLACK | 15.0 [4.57]             | +1.38/-1.18 [+35/-30]  |
| TRD730FLAT-BLK-25F | BLACK | 25.0 [7.62]             | ± 2.36[ 60]            |
| TRD730FLAT-BLK-35F | BLACK | 35.0 [9.14]             | ± 3.15 [80]            |
| TRD730FLAT-BLK-50F | BLACK | 50.0 [15.24]            | ± 3.15 [80]            |
| TRD730FLAT-BLK-65F | BLACK | 65.0 [19.81]            | ± 3.15 [80]            |

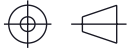
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INTERPRET ALL DIMENSIONS AND  
TOLERANCES PER ASME Y14.5

SCALE  
NONE

SHEET  
2 OF 2

DESCRIPTION  
C7 FLAT U/FTP 30AWG CM PVC

SIZE  
A

CAGE CODE  
43321

DRAWN BY  
DFRISIELLO

ITEM NO.  
TRD730FLAT

REV  
B