

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

F

F

E

E

D

D

C

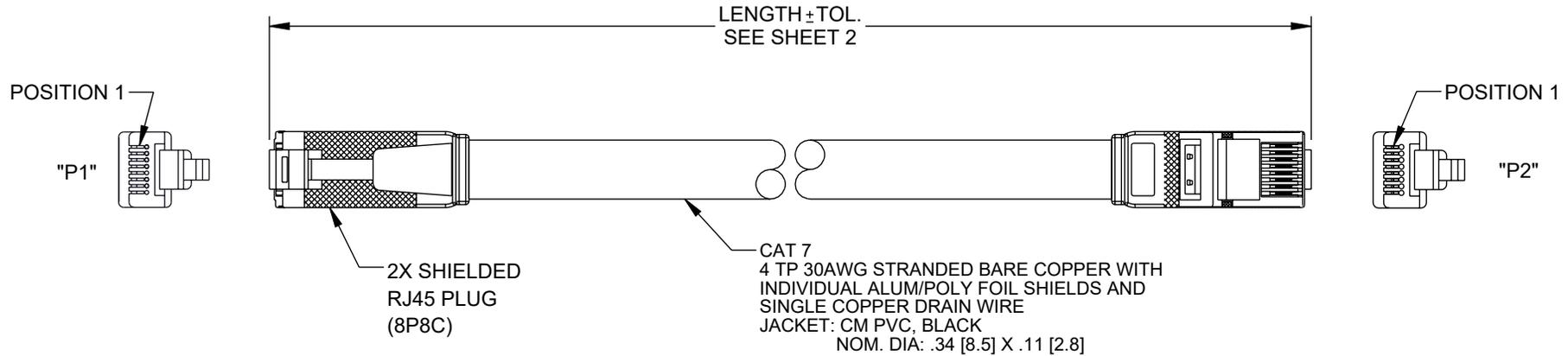
C

B

B

A

A



CAT 7
 4 TP 30AWG STRANDED BARE COPPER WITH
 INDIVIDUAL ALUM/POLY FOIL SHIELDS AND
 SINGLE COPPER DRAIN WIRE
 JACKET: CM PVC, BLACK
 NOM. DIA: .34 [8.5] X .11 [2.8]

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:

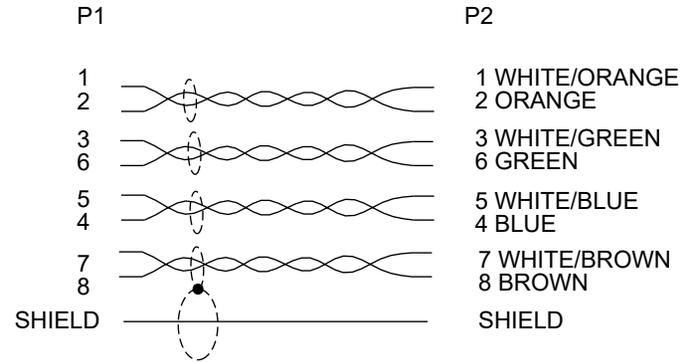
- CABLE ASSEMBLY TO BE TESTED FOR CONTINUITY.
- CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM SPECIFICATION PS-0031.

REGULATORY COMPLIANCE:

EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF INFINITE ELECTRONICS, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF INFINITE ELECTRONICS, INC. IS PROHIBITED. THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.

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	



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 2

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

6

5

4

3

2

1

F

F

E

E

D

D

C

C

B

B

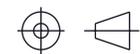
A

A

PART NUMBER	COLOR	LENGTH FEET [METERS]	TOLERANCE 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]

L-com[®]
an INFINIT[®] 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	2 OF 2

DESCRIPTION

C7 FLAT U/FTP 30AWG CM PVC

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF INFINITE ELECTRONICS, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF INFINITE ELECTRONICS, INC. IS PROHIBITED. THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.

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

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	DFRISIELLO	TRD730FLAT	B

6

5

4

3

2

1