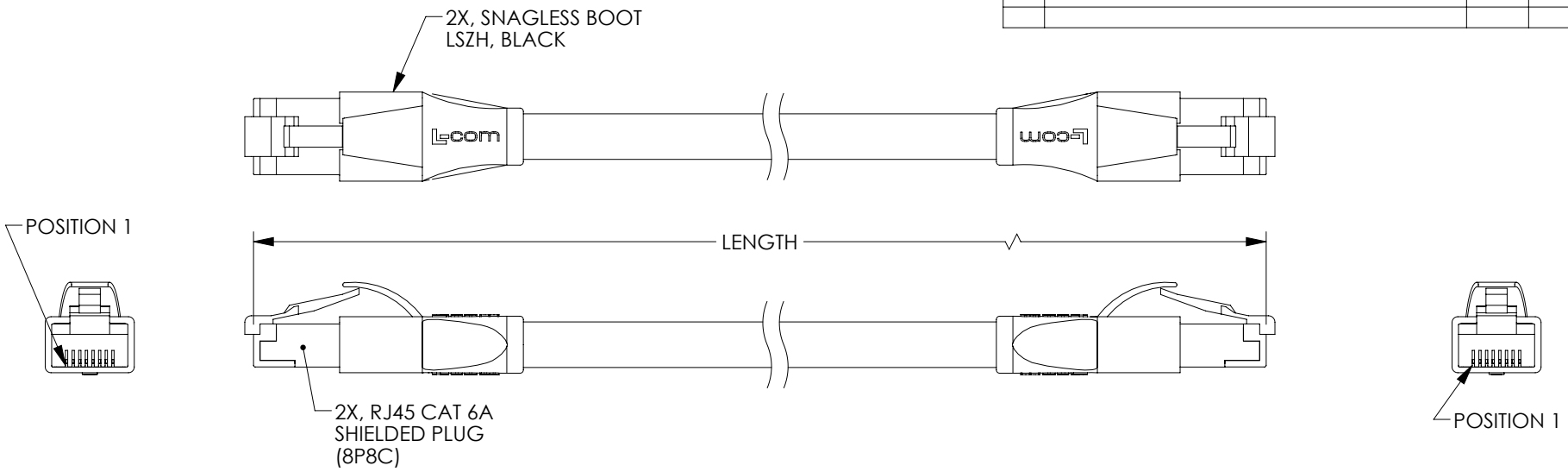
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF L-COM, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF L-COM, INC. IS PROHIBITED.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REV A DRAWING RELEASED	04/11/2019	BPUCHASKI



NOTES:

MATERIAL:

PLUG HOUSING: POLYCARBONATE, CLEAR, UL94V-0
CONTACTS: PHOSPHOR BRONZE.
PLUG SHIELDING: BRASS
CABLE JACKET: ZHFR POLYURETHANE, COLOR: BLACK

FINISH:

CONTACTS: 50 µINCHES GOLD IN CONTACT AREA
OVER 100 µINCHES NICKEL PLATE OVERALL.
PLUG SHIELDING: NICKEL PLATED

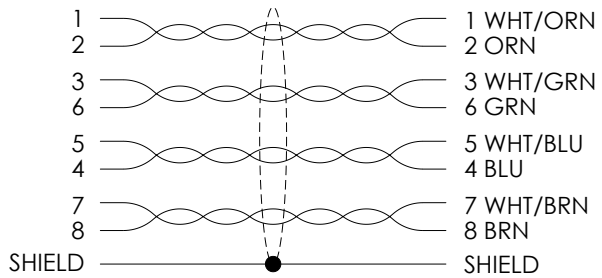
CABLE CHARACTERISTICS:

CAT 6/6A, SHIELDED FOUR TWISTED PAIRS MODULAR CORD,
26 AWG STRANDED TINNED COPPER CONDUCTORS WITH SPLINE
ALUM/POLY FOIL TAPE (100%), PP TAPE, AND DRAIN WIRE, PLUS
TINNED COPPER BRAID (80% MIN)
APPROVALS: NEC (UL) TYPE CMX
PASSES VW-1
SMOKE PER ASTM E662
VOLTAGE RATING: 300V
RESISTANCE: OIL, WATER/SALT WATER

MISCELLANEOUS:

FLEX LIFE: 1 MILLION CYCLE TEST (10X CABLE 2.69"O.D. MIN.RAD.)
10 MILLION CYCLE TEST (20X CABLE 5.38"O.D. MIN. RAD.)
PLUG CONFORMS TO TIA-1096
PoE 802.3 af/at/C6a LENGTHS UP TO 64 METERS (210.0 FT) ARE CHANNEL RATED.
OPERATING TEMPERATURE RANGE: -40°C TO +75°C.
CABLE ASSEMBLY TO BE TESTED FOR CONTINUITY.
CABLE ASSEMBLY TO BE INDIVIDUALLY PACKAGED IN
ACCORDANCE WITH L-COM SPECIFICATION PS-0031.

WIRING MAP



PART NUMBER	LENGTH FEET [METERS]
TRD695AZHF-BLK-1	1.0 [.30]
TRD695AZHF-BLK-2	2.0 [.61]
TRD695AZHF-BLK-3	3.0 [.91]
TRD695AZHF-BLK-5	5.0 [1.52]
TRD695AZHF-BLK-10	10.0 [3.05]
TRD695AZHF-BLK-15	15.0 [4.57]
TRD695AZHF-BLK-25	25.0 [7.62]
TRD695AZHF-BLK-50	50.0 [15.24]
TRD695AZHF-BLK-75	75.0 [22.86]
TRD695AZHF-BLK-100	100.0 [30.48]
TRD695AZHF-BLK-125	125.0 [38.10]
TRD695AZHF-BLK-150	150.0 [45.72]

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 [5.08]
.XX = ± .02 [.51]
.XXX = ±.005 [.13]
PROJECTION

APPROVALS	DATE
DRAWN BY BPUCHASKI	04/05/2019
CHECKED BY DFRISIELLO	04/05/2019
APPROVED BY DGUTTADAUR	04/05/2019

CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY

COLOR VARIATIONS MAY OCCUR

L-COM Global Connectivity
50 HIGH STREET
NORTH ANDOVER, MA
01845

CATEGORY
TELECOM/MODULAR

PRODUCT DESCRIPTION
RJ45 C6A SF/UTP 26STR ZHFR-PUR BLK HIFLEX

SIZE	FSCM NO.	DWG. NO.	REV.
A	43321	TRD695AZHF-BLK	A

SCALE: NONE | CAD FILE: TRD695AZHF-BLK.SLDDRW | SHEET 1 OF 1