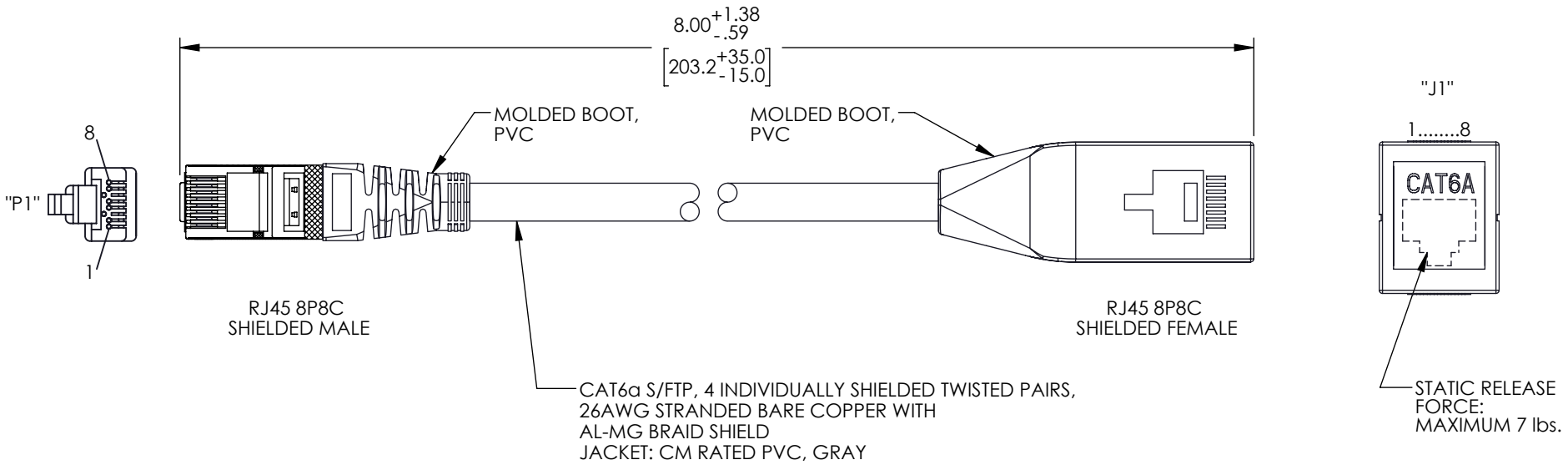
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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	06/30/2022	GUTTADAURO



NOTES

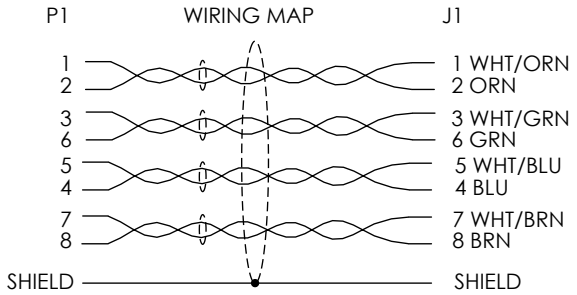
MATERIAL:
RJ45 MALE: POLYCARBONATE.
RJ45 FEMALE: ZINC ALLOY.
SHIELDS: NICKEL PLATE.
CONTACTS: COPPER ALLOY, GOLD PLATING: 50u".

ELECTRICAL:
NOMINAL VOLTAGE RATING: 30 V.
RESISTANCE: 15.2Ω/100m (MAXIMUM).
IMPEDANCE: 100Ω.
CAPACITANCE: 5600pf/100m.
PROPAGATION DELAY: 545ns/100m (MAXIMUM).
DELAY SKEW: 45ns/100m (MAXIMUM).
MAXIMUM POE RATING: IEEE 802.AT (PoE+).

ENVIRONMENTAL:
OPERATING TEMPERATURE RANGE: -20°C TO +60°C.

MISCELLANEOUS
CABLE ASSEMBLIES 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)



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]
.XX = ± .02 [.5]
.XXX = ± .005 [.13]
FRACTIONS ± 1/32
ANGLES ± 1°
THIRD-ANGLE PROJECTION

APPROVALS	DATE
DRAWN BY KGLEBOVA	06/22/2022
CHECKED BY DFRISIELLO	06/27/2022
APPROVED BY GUTTADAURO	06/30/2022

CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY

COLOR VARIATIONS MAY OCCUR

L-com an INFINITE brand
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North Andover, MA 01845 USA.
Phone: 1.800.341.5266
1.978.682.6936

CATEGORY
TELECOM/MODULAR

PRODUCT DESCRIPTION
Cat6a S/FTP Breakaway Adapter Cable

SIZE	CAGE CODE	ITEM NO.	REV.
A	43321	TRD695AS-BRK	A

SCALE: NONE | CAD FILE: trd695as-brk.SLDDRW | SHEET 1 OF 1

T-Rev.D