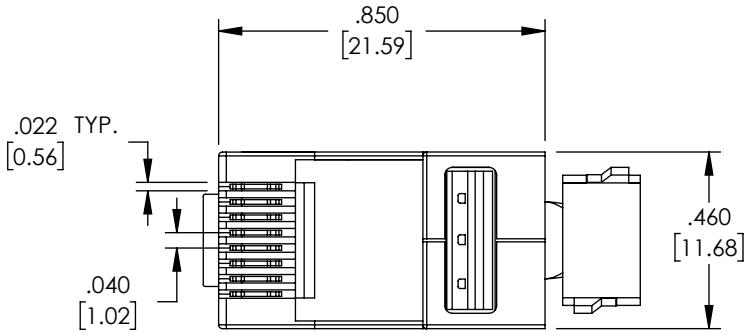
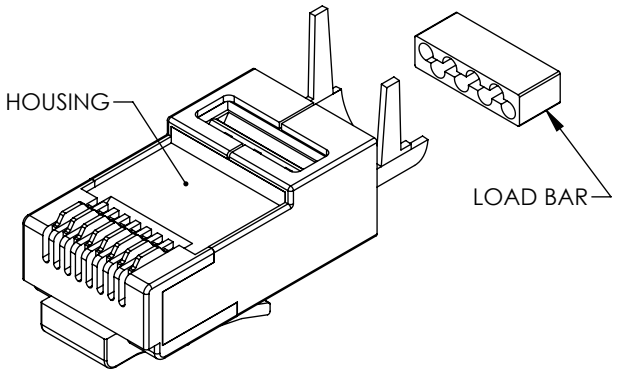
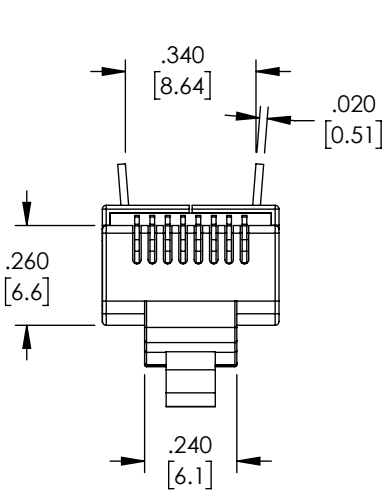
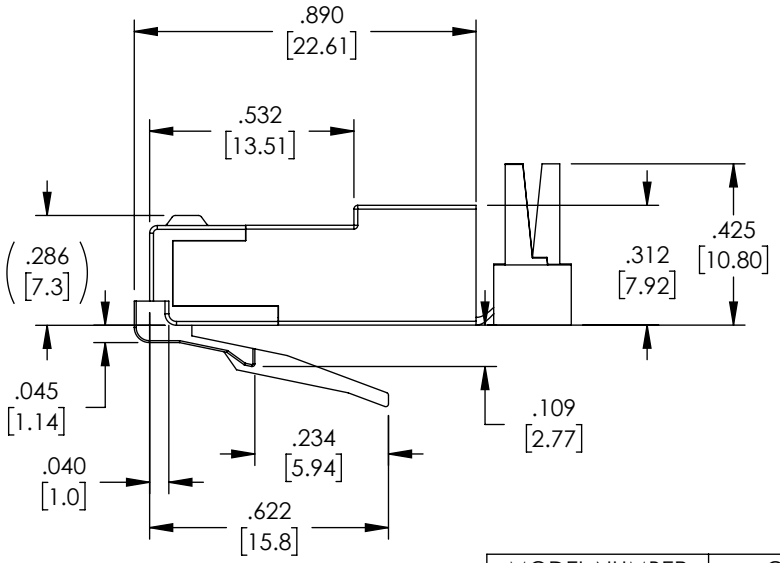
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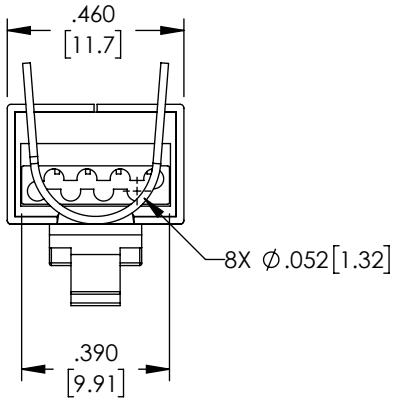
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	4/28/22	DGUTTADAURO











NOTES

1. MATERIAL
   CONTACTS: PHOSPHOR BRONZE; PLATING: 50µ" Min. SELECT GOLD OVER 100µm Min NICKEL UNDER PLATED
   HOUSING: POLYCARBONATE UL94 V-0
   SHIELD: CDA-260 1/4 HARD BRASS, 100% TIN 100-150µ" TIN PLATED
2. ELECTRICAL PERFORMANCE
   CURRENT/VOLTAGE: 30 VAC/42 VDC AT 1.5 AMPS.
   CONTACT RESISTANCE: 10mOHM Max.
   OPERATION TEMPERATURE: -40°C TO +85°C
3. MECHANICAL PERFORMANCE
   INSERTION/EXTRACTION LIFE: 1000 CYCLES.
4. CONTACTS TERMINATE SOLID OR STRANDED CONDUCTORS BETWEEN .048" [1.22] TO .052" [1.32] OUTSIDE DIAMETER OF INSULATION.
5. PLUG TOLERANCES AND DIMENSIONS COMPLY WITH TIA-1096 STANDARDS.
6. PRODUCT DESIGNED FOR CATEGORY 6 & 6A HIGH SPEED APPLICATIONS.

REGULATORY COMPLIANCE:

EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)

MODEL NUMBER	QUANTITY
TSPC6AS52	1 PACK
TSPC6AS52-25PK	25 PACK

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 HBAKKE	4/28/22
CHECKED BY DFRISIELLO	4/28/22
APPROVED BY DGUTTADAURO	4/28/22

CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY

COLOR VARIATIONS MAY OCCUR

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50 High Street, West Mill,
North Andover, MA 01845 USA.
Phone: 1.800.341.5266
1.978.682.6936

CATEGORY
TELECOM/MODULAR

PRODUCT DESCRIPTION
CAT6A RJ45 PLUG SHIELDED FOR 0.048-0.052" CONDUCTOR OD

SIZE	CAGE CODE	ITEM NO.	REV.
A	43321	TSPC6AS52	A

SCALE: NONE | CAD FILE: TSPC6AS52.SLDDRW | SHEET 1 OF 1

T-Rev.D