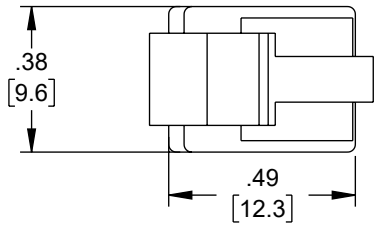
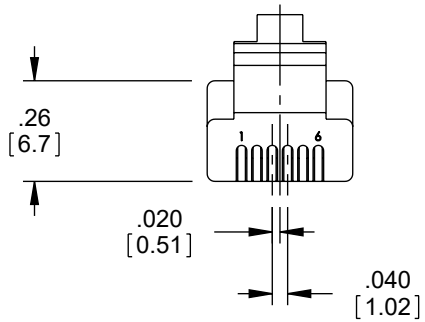
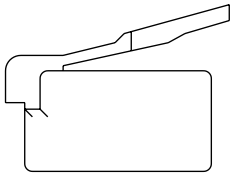
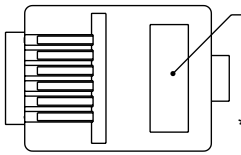
REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	G	ECO-14726	08/11/2025	TDUFRENE	DGUST

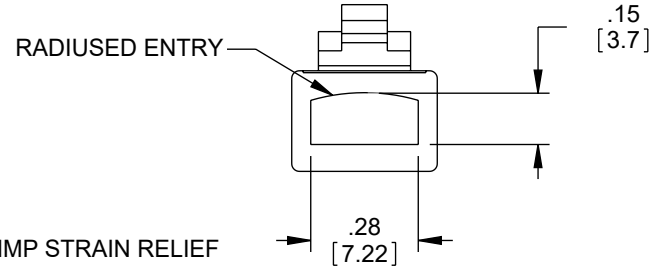








*CONTACTS SHOWN CRIMPED



NOTES:

1. MATERIAL:
   HOUSING: UL94V-0 COMPLIANT POLYCARBONATE
   PLUG SHALL CONFORM TO TIA-1096.
   CONTACTS: COPPER ALLOY
   CONTACT PLATING: 50µINCHES GOLD OVER 100 µINCHES NICKEL.

2. ELECTRICAL:
   CURRENT RATING: 2A (MAX)
   VOLTAGE RATING: 250 VAC (MAX)
   INSULATION RESISTANCE: 100MOHMS
   DIELECTRIC WITHSTANDING VOLTAGE: 1000 VOLTS AC (MIN)

3. MECHANICAL:
   CONDUCTOR ACCEPTANCE: 24 TO 26AWG
   CABLE TO PLUG TENSILE STRENGTH: 20 POUND MIN.
   MAXIMUM CONDUCTOR OD: .040 [1.016]
   CONDUCTOR TYPE: STRANDED
   CONTACT STYLE: TWO PRONG

4. ENVIRONMENTAL:
   OPERATING TEMPERATURE RANGE -40°C TO +85°C.

5. MISCELLANEOUS:
   ALL DIMENSIONS ARE FOR REFERENCE ONLY.
   COMPONENT SHALL BE PACKAGED IN BULK OF 100 PIECES.

REGULATORY COMPLIANCE:
EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION).

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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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INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

SCALE	SHEET
NONE	1 OF 1

DESCRIPTION
RJ12 (6X6) MODULAR PLUG RND ENTRY

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	D. PARHAM	TDR6P6C	G