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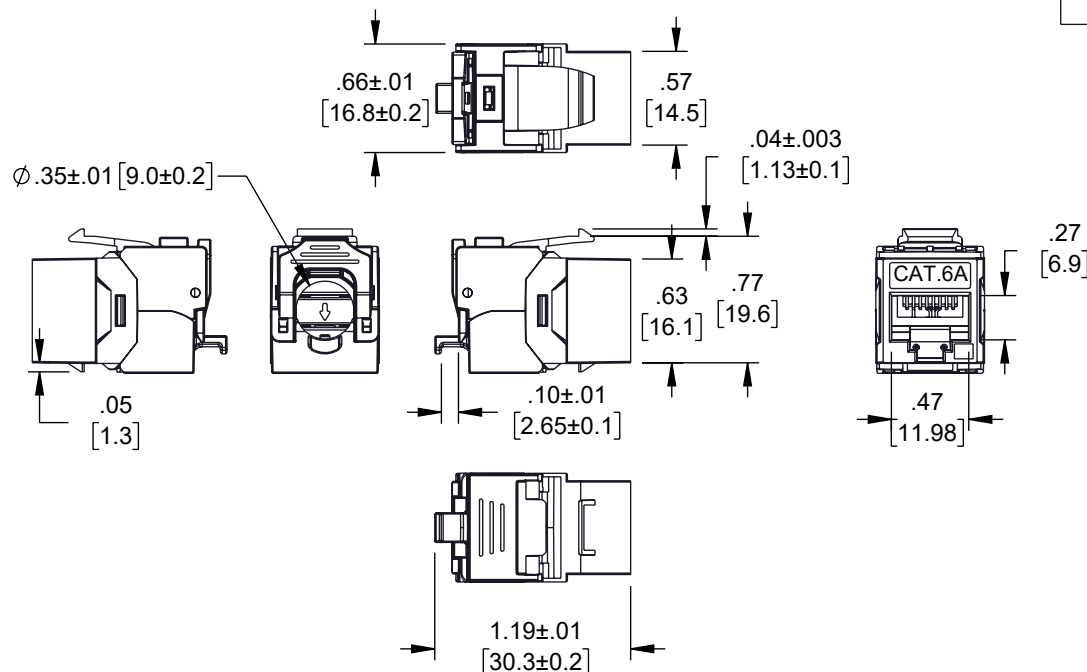
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REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	02/03/2025	DMAY	DGUTTADAURO

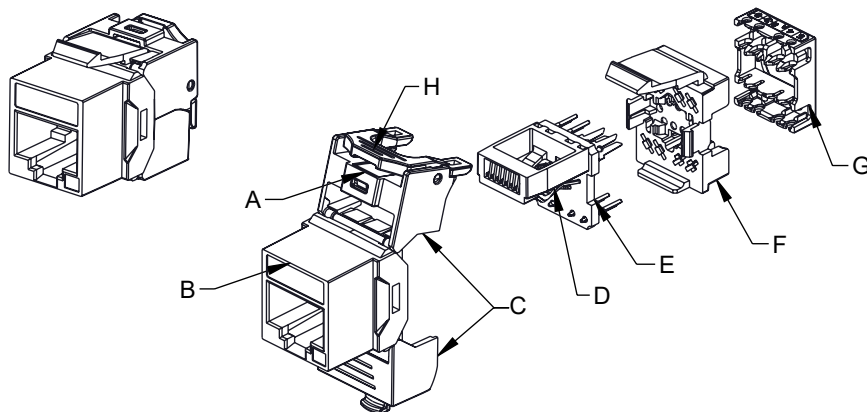
SPECIFICATION:
MATERIAL

- A. PRESSING SHRAPNEL: STAINLESS STEEL, SUS304.
B. RJ45 HOUSING: PC, UL 94V2 WHITE COLOR.
C. CAP:
1-1: CAP A: PC, UL 94-V2 BLACK COLOR.
1-2: CAP B: PC, UL 94-V2 BLACK COLOR.
D. CONTACT BRACKET: PC, UL 94-V2, WHITE COLOR.
E. PCB FR4, UL 90-V0.
2-1. MATERIAL: PHOSPHOR BRONZE WITH NICKEL PLATING.
2-2. FINISH: 50 MICRO-INCH GOLD PLATED ON PLUG CONTACT AREA.
2-3. TERMINAL: PHOSPHOR BRONZE WITH TIN PLATING.
F. IDC HOUSING: PC, UL 94-V2, WHITE COLOR.
G. CAP FOR TOOLFREE: PC, UL 94-V2, WHITE COLOR.
H. KEY SWITCH: PC, UL 94-V2 WHITE COLOR..

PERFORMANCE:

1. T568A & T568b WIRING.
2. INSERTION FORCE: 20N MAX. (IEC 60603-7-4)
3. RETENTION STRENGTH: 7.7kg BETWEEN JACK AND PLUG.
4. OPERATING TEMPERATURE: -10°C TO 60°C.
(ISO/IEC 11801, ANSI/TIA 568.2-D)
5. LIFE TIME:
e-1. JACK: 750 CYCLES MIN. (ISO/IEC 11801, IEC 60603-7-4)
e-2. IDC: SUITABLE FOR 23-26AWG STRANDED AND SOLID WIRE,
MIN. 20-INSTALLATION CYCLES.
e-3. TOOL-LESS: WHEN USING THE IDC CAP FOR WIRE MANAGEMENT.
6. THE CAT 6 TRANSMISSION PERFORMANCE IS IN COMPLIANCE WITH THE
TIA 568 C.2 STANDARD.

COLOR:RED

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]
XX = ±.02 [0.5]
XXX = ±.005 [0.13]
FRACTIONS
± 1/32
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

CATEGORY 6A ULTRA SHORT-BODY TOOLLESS KEYSTONE
JACK, UNSHIELDED, RED

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3SVT8	DMAY	SMRJSBTL6A-RED	A

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