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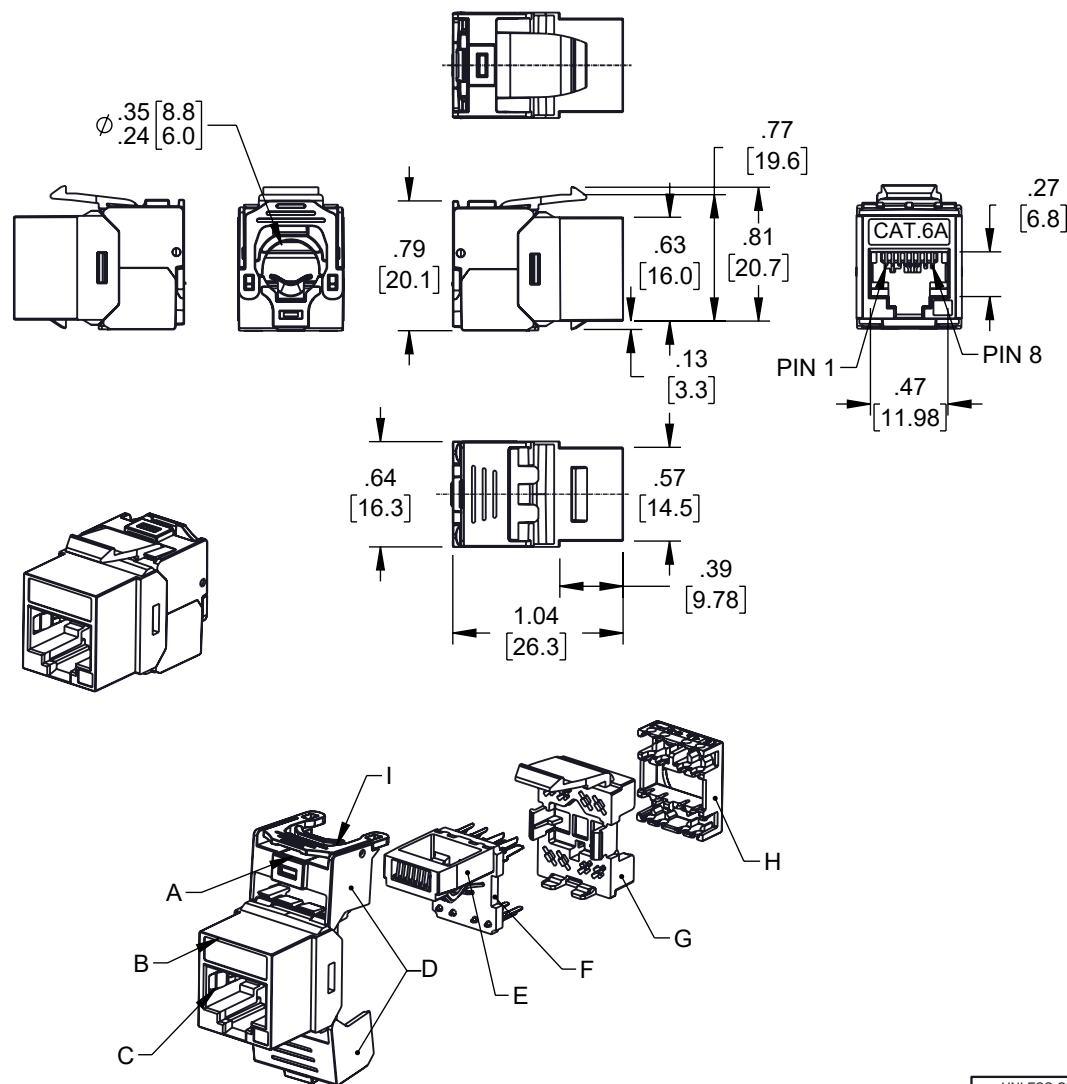
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## REVISION

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: ZINC DIE-CASTING WITH NICKEL PLATING.  
C. GROUNDING CONTACT: STAINLESS STEEL  
D. CAP:  
1-1: CAP A: ZINC DIE-CASTING WITH NICKEL PLATING.  
1-2: CAP B: ZINC DIE-CASTING WITH NICKEL PLATING.  
E. CONTACT BRACKET: PC, UL 94-V2, WHITE COLOR (RAL9003)  
F. 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.  
G. IDC HOUSING: PC, UL 94-V2, BLACK COLOR.  
H. CAP FOR TOOLFREE: PC, UL 94-V2, BLACK COLOR.  
I. KEY SWITCH: ZINC DIE-CASTING WITH NICKEL PLATING.

## PERFORMANCE:

1. T568A & T568b WIRING.  
2. INSERTION FORCE: 30N MAX. (IEC 60603-7-5)  
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 60603-7-5)  
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: SILVER

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  
NONE  
SHEET  
1 OF 1

## DESCRIPTION

CATEGORY 6A ULTRA SHORT-BODY TOOLLESS KEYSTONE  
JACK, SHIELDED

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	DMAY	RJSBTLC6A-SH	A

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