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REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	01/02/2024	DFRISIELLO	GUTTADAURO

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SPECIFICATIONS:

RJ45 JACK HOUSING: ABS+PC, UL94V-0, COLOR: SEE CHART
CONTACT BRACKET: PBT UL94V-0.

RJ45 JACK CONTACTS:

MATERIAL: PHOSPHOR BRONZE WITH NICKEL PLATING.

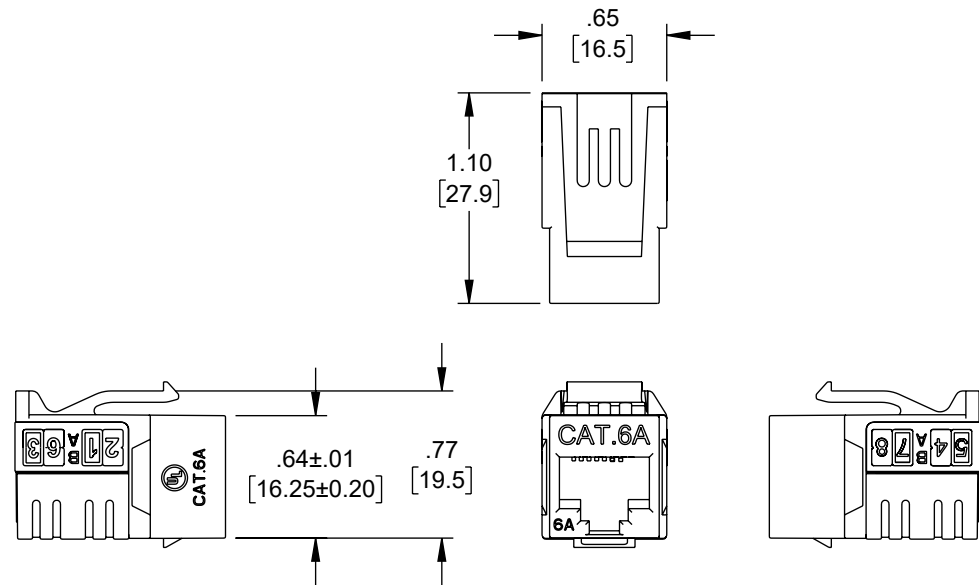
FINISH: 50 MICRO-INCH GOLD PLATING ON SURFACE OF PLUG CONTACT AREA.

IDC HOUSING: PC UL94V-2, COLOR: WHITE

IDC TERMINALS: PHOSPHOR BRONZE WITH TIN PLATING.

IDC CAP: PC, UL94V-0, COLOR: BLACK

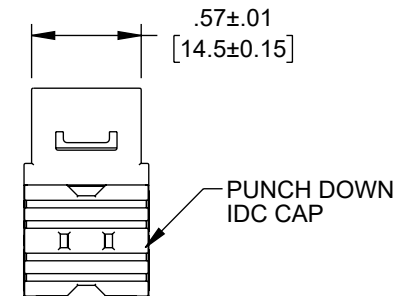
PCB: FR4, UL94V-0.



FEATURES AND PERFORMANCE:

1. COMPLIANT WITH THE ANSI/TIA-568.2-D CAT. 6A REQUIREMENT.
2. COMPLIANT WITH THE IEC 60603-7-1 DIMENSION AND RELIABILITY REQUIREMENTS.
3. T568A ND T568B WIRING.
4. LIFE (MATING CYCLES): MIN. 750 CYCLES.
5. MATING AND UN-MATING FORCE: MAX. 20 N.
6. RETENTION STRENGTH: 7.7 kg BETWEEN JACK AND PLUG.
7. WIRE CONDUCTOR RANGE: SOLID AND STRANDED, 23-26AWG.
8. CABLE O.D. RANGE: 5.5-9.0mm [.216-.354 INCH]
9. IDC RE-INSTALLING CYCLES: MIN. 20 CYCLES.
10. OPERATING TEMPERATURE RANGE: -10° C TO +60° C.

ITEM NUMBER	COLOR
TSP801C6A-BLU	BLUE
TSP801C6A-BLK	BLACK
TSP801C6A-RED	RED
TSP801C6A-GRN	GREEN
TSP801C6A-WHT	WHITE



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NOTES:

1. THE MATED PLUG SHOULD BE COMPLIANT WITH THE IEC 60603-7-1 REQUIREMENT.
2. COMPONENT SHALL BE INDIVIDUALLY PACKAGED AND LABELED.

REGULATORY COMPLIANCE:

EU RoHS DIRECTIVE (MOST RECENTLY 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
CAT6a KSJ, 90° PUNCH DOWN, MINI TYPE, UTP

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	DFRISIELLO	TSP801C6A	A

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