

6

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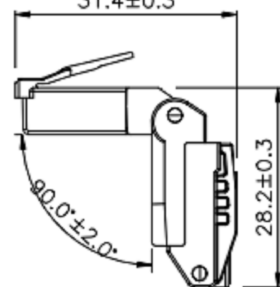
1

## REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	01/10/2024	DFRISIELLO	GUTTADAURO

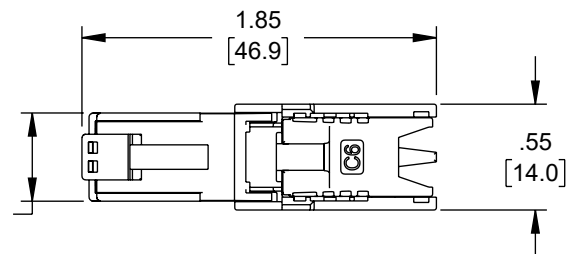
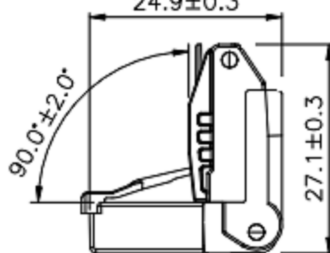
Spin down 90 degrees

31.4±0.3



Spin up 90 degrees

24.9±0.3



## SPECIFICATIONS:

PLUG-BOTTOM: PC UL94V-0, COLOR: TRANSPARENT BLUE.

PLUG-TOP: PC UL94V-0, COLOR: TRANSPARENT BLUE.

BOTTOM: PC UL94V-0, COLOR: TRANSPARENT BLUE.

IDC HOUSING: PC UL94V-0, COLOR: TRANSPARENT BLUE.

IDC TERMINALS: COPPER-ALLOY WITH TIN PLATING.

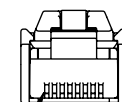
CAP: PC, UL94V-0, COLOR: TRANSPARENT.

DUSTPROOF PAD-A: SILICA GEL, BLACK, UL94V-0.

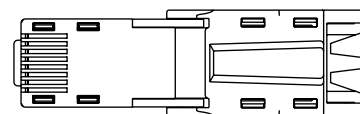
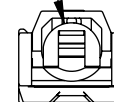
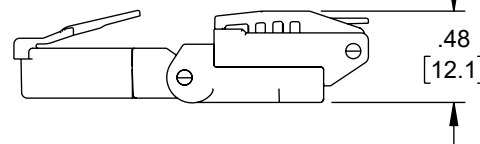
DUSTPROOF PAD-B: SILICA GEL, BLACK, UL94V-0.

PCB: CONTACT MATERIAL: FPC, UL94V-0.

PCB CONTACT PLATING: 2 MICRO-INCH GOLD PLATING ON SURFACE CONTACT AREA.



PIN 1



## FEATURES AND PERFORMANCE:

1. COMPLIANT WITH THE IEC 60603-7-1 DIMENSION AND RELIABILITY REQUIREMENTS.
2. T568A ND T568B WIRING.
3. LIFE (MATING CYCLES): MIN. 750 CYCLES.
4. MATING AND UN-MATING FORCE: MAX. 20 N.
5. RETENTION STRENGTH: 7.7 kg BETWEEN JACK AND PLUG.
6. WIRE CONDUCTOR RANGE: SOLID AND STRANDED, 23-26AWG.
7. CABLE O.D. RANGE: 4.4 - 6.8mm [.173 - .268 INCH]
8. IDC RE-INSTALLING CYCLES: MIN. 20 CYCLES.
9. OPERATING TEMPERATURE RANGE: -10° C TO +60° C.

## 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]  
.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

CAT6 RJ45 ROTATABLE FIELD TERM PLUG, BLUE

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	DFRISIELLO	TSPFTRC6-BLU	A

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