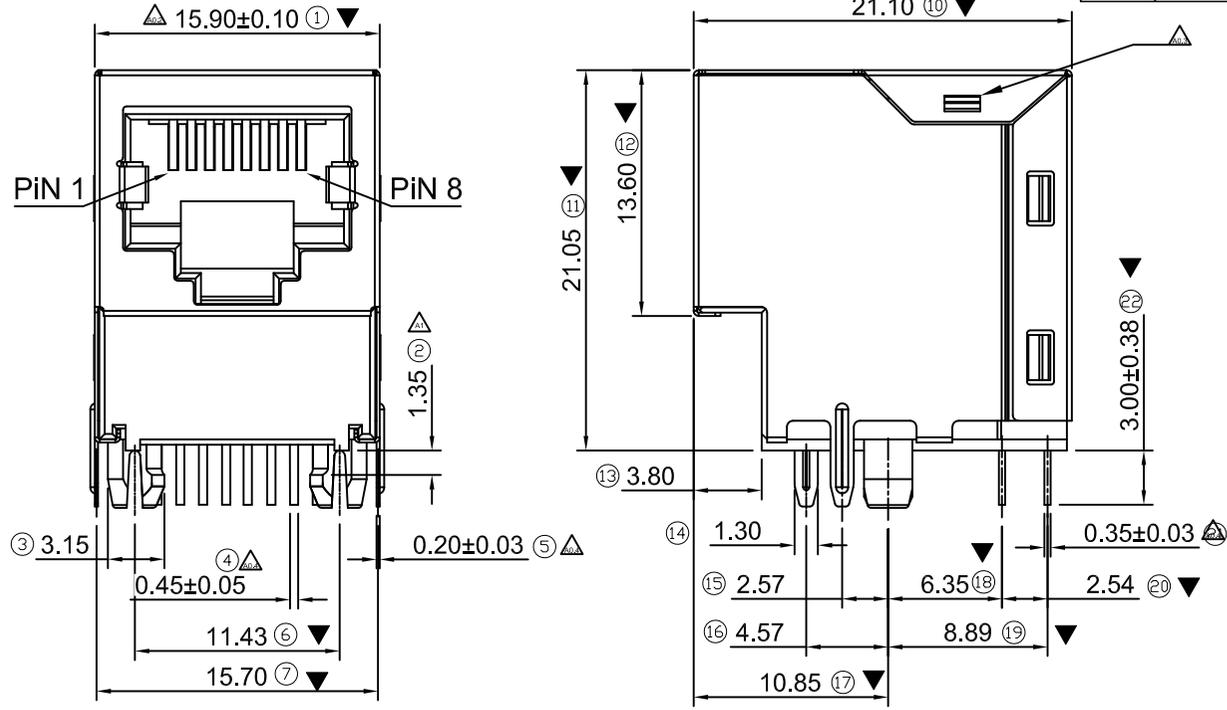


GP Component

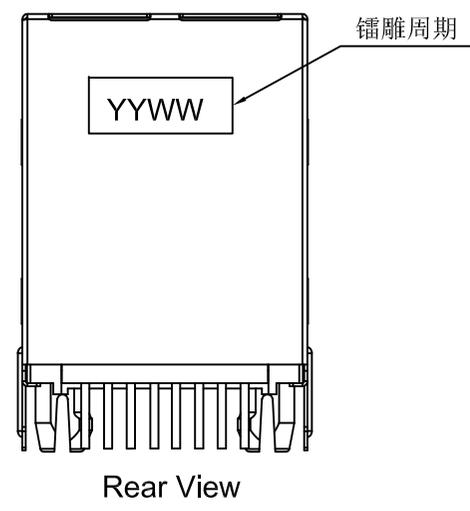
REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0.1			Add Size	2023/08/21	Vince
A0.2			Modify Dimension Tolerance	2023/09/05	Vince
A0.3			Add Shield Buckle	2023/09/27	Vince
A0.4			Modify Mechanical	2023/10/31	Vince
A1			Modify Post Size	2024/03/08	Vince



- ELECTRICAL:**
- VOLTAGE RATING: 125 VAC RMS
 - CURRENT RATING: 1.5 AMP
 - CONTACT RESISTANCE: 40MΩ MAX.
 - INSULATION RESISTANCE: 1000MΩMIN. AT 500V DC.
 - DIELECTRIC STRENGTH: 1000 VAC 50HZ 1MINUTE.

- MECHANICAL:**
- HOUSING MATERIAL: PA46 UL94V-0 RATED,COLOR BLACK.
 - CONTACT MATERIAL:PHOSPHOR BRONZE
 - CONTACT PLATING:GOLD PLATING OVER NICKEL, PLATED NICKEL 30u" MIN. GOLD PLATED ON CONTENT AREA 3U".100 u" Min Matted Tin.
 - SHIELD:COPPER ALLOY PLATED. WITH NICKEL 30u" MIN.
 - OPERATING LIFE: 750 CYCLES MIN.
 - MATING FORCE: 22.24N MAX. UNMATING FORCE: 44.48N MAX.
 - WAVE SOLDERING TEMP: 260°±5° 10 SECONDS.

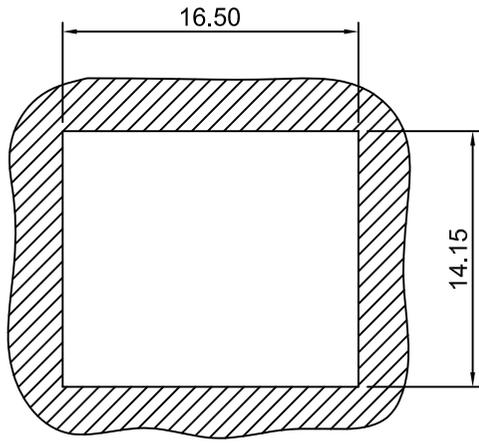
- ENVIRONMENTAL:**
- STORAGE: -40°C TO +85°C
 - OPERATION: -40°C TO +85°C



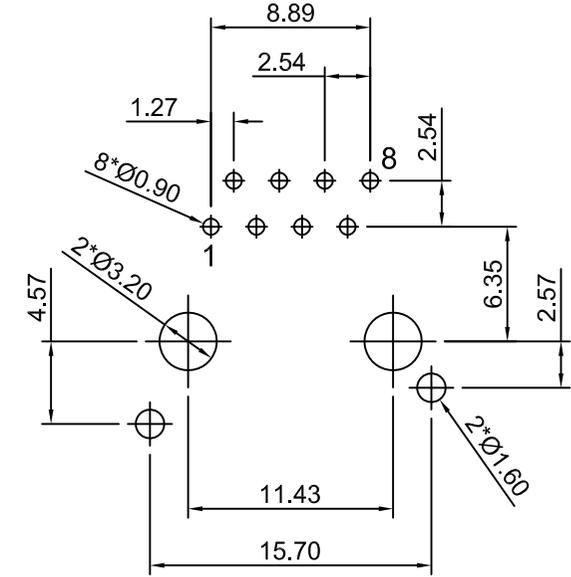
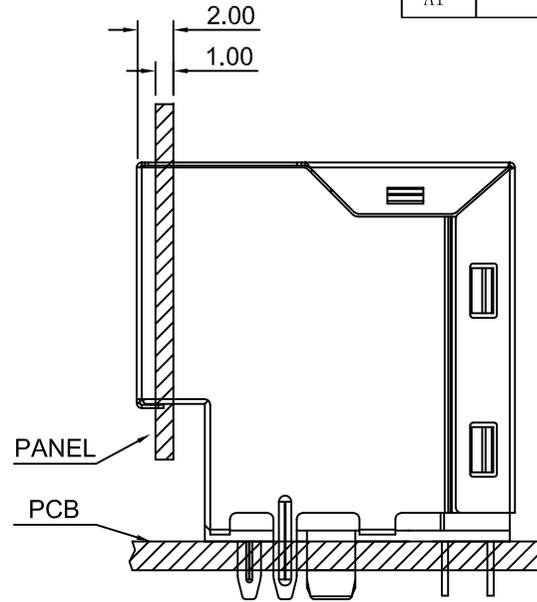
 Matrix Electronics Co., Ltd				
TOLERANCE: X:X ±0.38 X:XX ±0.25 X:XXX ±0.13 ANGLE: ±3°	DESIGN BY : Vince Chen	DATE : 2024/03/08	PART NAME: RJ45 1X1 CONNCTOR W0/LED, 8P8C	
	CHECKED BY: Hanson Huang	DATE : 2024/03/08	PART NO.	MRJN-11T1670TRS
	APPROVED BY1: Richard Hsieh	DATE : 2024/03/08	MOLD NO.	NA
	APPROVED BY2: Richard Hsieh	DATE : 2024/03/08	DRAW NO.	
SCALE:1:1	SIZE:A4		SHEET NO.	1 OF 2

GP Component

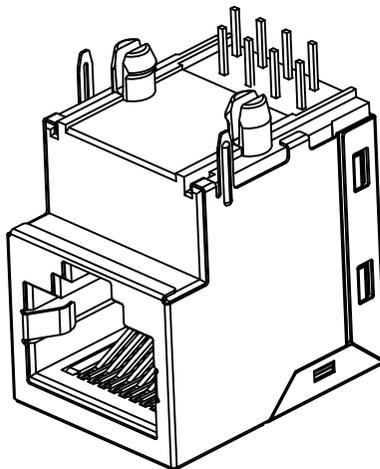
REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
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A0.3			Add Shield Buckle	2023/09/27	Vince
A0.4			Modify Mechanical	2023/10/31	Vince
A1			Modify Post Size	2024/03/08	Vince



RECOMMENDED PANEL CUTOUT



RECOMMENDED P.C.B LAYOUT(±0.05)
TOP VIEW(COMPONENT SIDE)



MATRIX PART NO :

M R J N - 1 1 T 1670 T R S

Matrix-RJ45

F : 10/100

G : 10/100/1000

N : Pure Connector

11:1X1 ; 21:2X1

12:1X2 ; 22:2X2

14:1X4 ; 24:2X4

16:1X6 ; 26:2X6

18:1X8 ; 28:2X8

1U:RJ+USB

S: SMD

T: THT

RS: ROHS
HF: Halogen Free
Industrial temperature

Series Number



Matrix Electronics Co., Ltd

TOLERANCE: X.X ±0.38 X.XX ±0.25 X.XXX ±0.13 ANGLE: ±3°	DESIGN BY : Vince Chen	DATE : 2024/03/08	PART NAME: RJ45 1X1 CONNCTOR W0/LED, 8P8C	
 UNIT: mm [inch] SCALE:1:1 SIZE:A4	CHECKED BY: Hanson Huang	DATE : 2024/03/08	PART NO.	MRJN-11T1670TRS
	APPROVED BY1: Richard Hsieh	DATE : 2024/03/08	MOLD NO.	NA
	APPROVED BY2: Richard Hsieh	DATE : 2024/03/08	DRAW NO.	
			SHEET NO.	2 OF 2