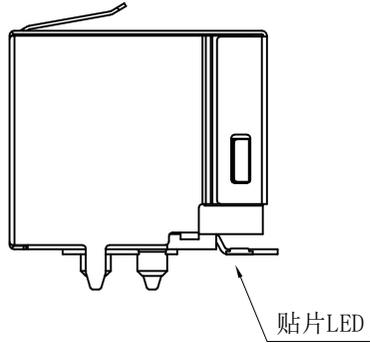
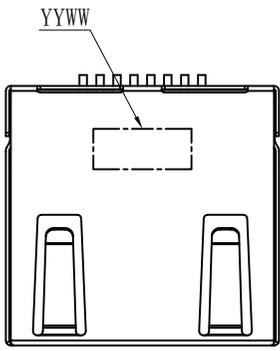


GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	*2025/07/24	Vince
A1			Delete the left and right shrapnel of the iron shell	2025/09/19	Vince

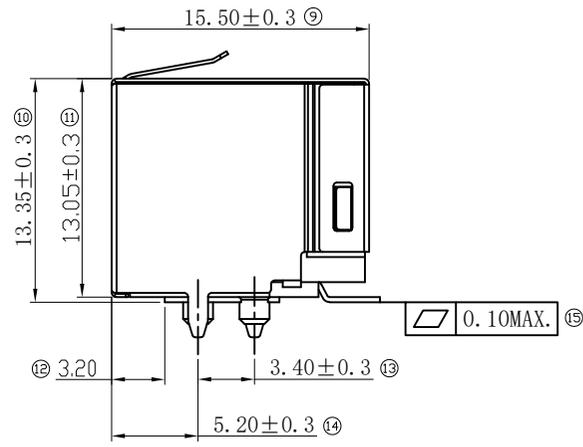
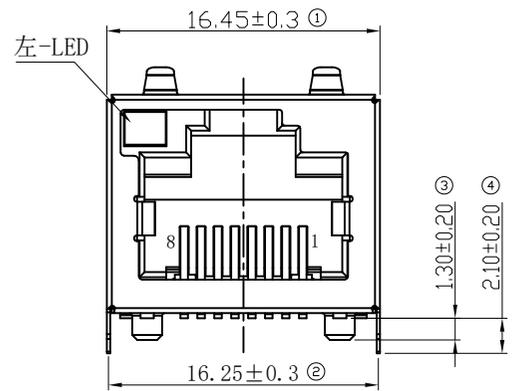


ELECTRICAL:

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

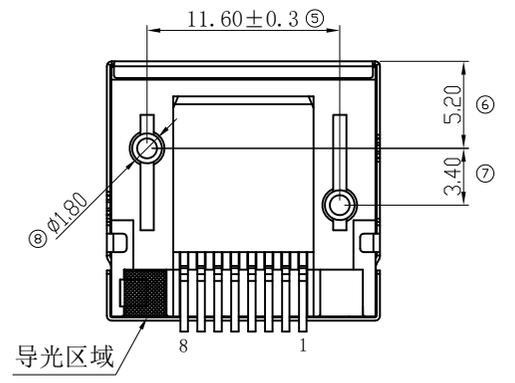
MECHANICAL:

- PLASTIC MATERIAL:
 - LCP UL94V-0 RATED, COLOR BLACK.
 - EPOXY RESIN UL94V-0 RATED, COLOR TRANSPARENT.
- CONTACT MATERIAL: COPPER ALLOY.
- CONTACT PLATING:
 - PLATED NICKEL 30U"MIN. UNDER PLATING ALL,
 - PLATED TIN ON SOLDER TAILS 100U" MIN.
 - GOLD PLATED ON CONTACT AREA 3U".
- SHIELD: COPPER ALLOY PLATED WITH NICKEL 30U"MIN.
- OPERATING LIFE: 750 CYCLES MIN.
- MATING FORCE: 20N MAX.
UNMATING FORCE: 50N MAX.
- REFLOW SOLDERING TEMP.: 255±5° 5-10 SECONDS.
- JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68, SUBPART F.
- JACK CAVITY CONFORMS TO IEC60603-7.

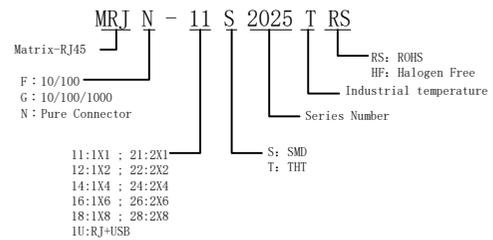


ENVIRONMENTAL:

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



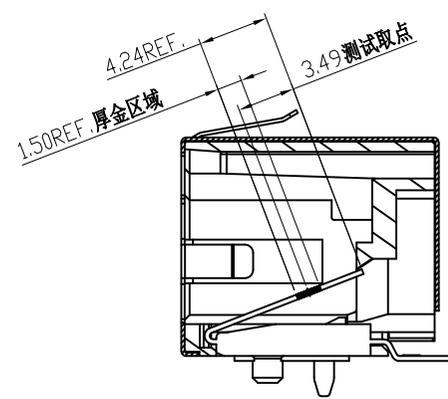
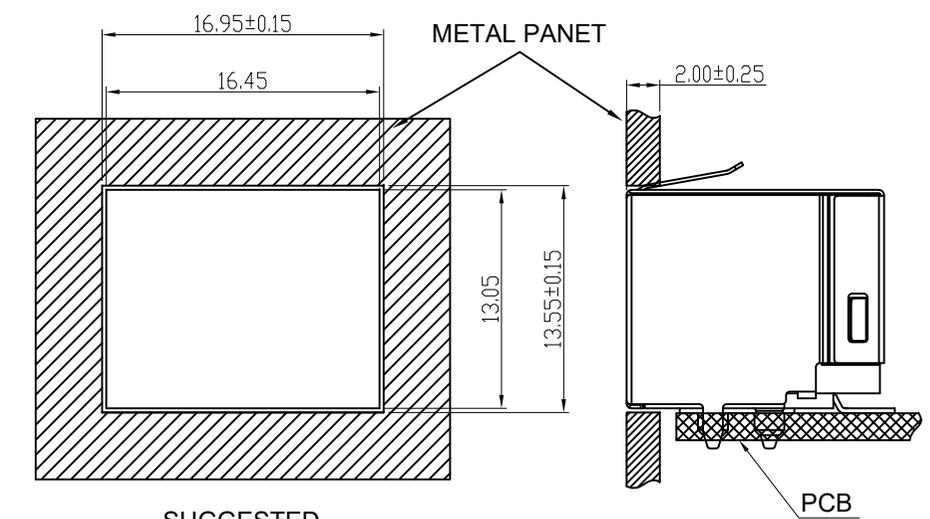
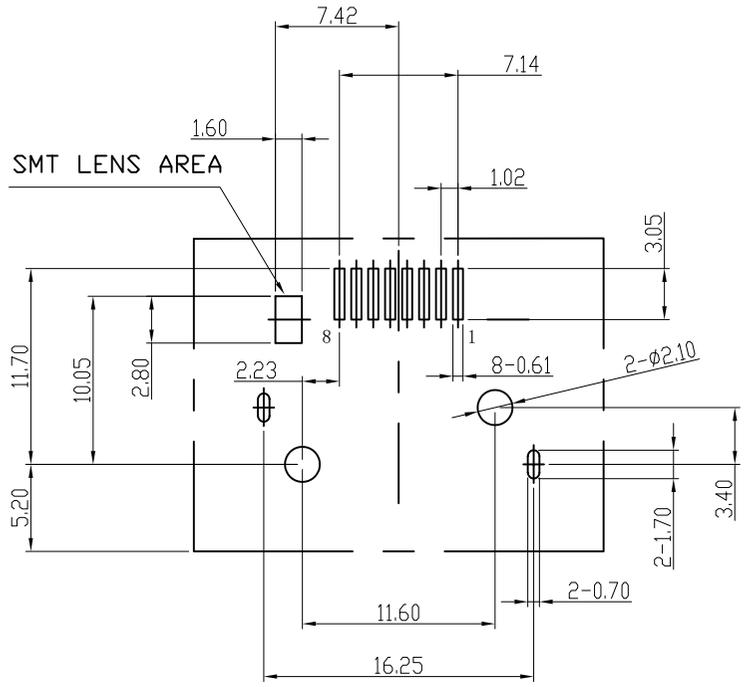
MATRIX PART NO:



Matrix Electronics Co., Ltd				
TOLERANCE: X:X ±0.38 X:XX ±0.25 X:XXX ±0.13 ANGLE: ±3°	DESIGN BY :	DATE :	PART NAME:	
	Vince Chen	2025/09/19	RJ45 1X1 PCB JACK WITH LED SMT TYPE	
	CHECKED BY:	DATE :	PART NO.	MRJN-11S2025TRS
	Hanson Huang	2025/09/19		
UNIT: mm [inch] SCALE: 1:1 SIZE: A4	APPROVED BY1:	DATE :	MOLD NO.	NA
	Richard Hsieh	2025/09/19		
	APPROVED BY2:	DATE :	DRAW NO.	
	Richard Hsieh	2025/09/19	SHEET NO.	1 OF 2

GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	*2025/07/24	Vince
A1			Delete the left and right shrapnel of the iron shell	2025/09/19	Vince



GOLD-PLATED CONTACT AREA

SUGGESTED
PANEL OPENING
ACCORDING TO THE ACTUAL DESIGN OF
THE PANEL AS THE REFERENCE

 Matrix Electronics Co., Ltd					
TOLERANCE: X:X ±0.38 X:XX ±0.25 X:XXX ±0.13 ANGLE: ±3°		DESIGN BY : Vince Chen	DATE : 2025/09/19	PART NAME: RJ45 1X1 PCB JACK WITH LED SMT TYPE	
UNIT: mm [inch] SCALE:1:1 SIZE:A4		CHECKED BY: Hanson Huang	DATE : 2025/09/19	PART NO. MRJN-11S2025TRS	
		APPROVED BY1: Richard Hsieh	DATE : 2025/09/19	MOLD NO. NA	
		APPROVED BY2: Richard Hsieh	DATE : 2025/09/19	DRAW NO.	
				SHEET NO. 2 OF 2	