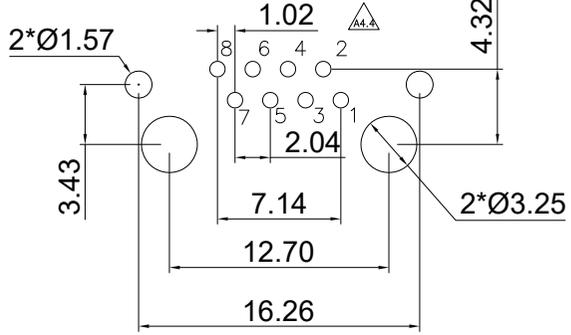
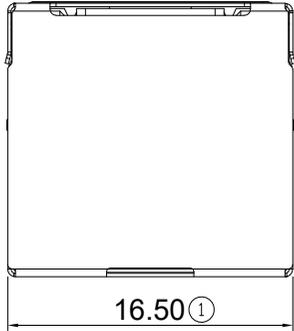
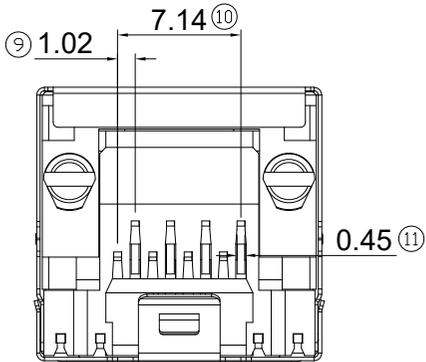
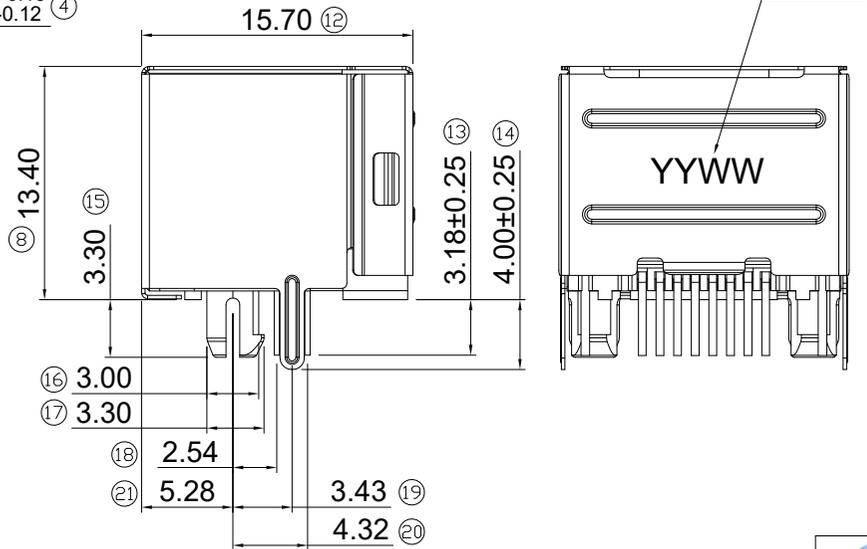
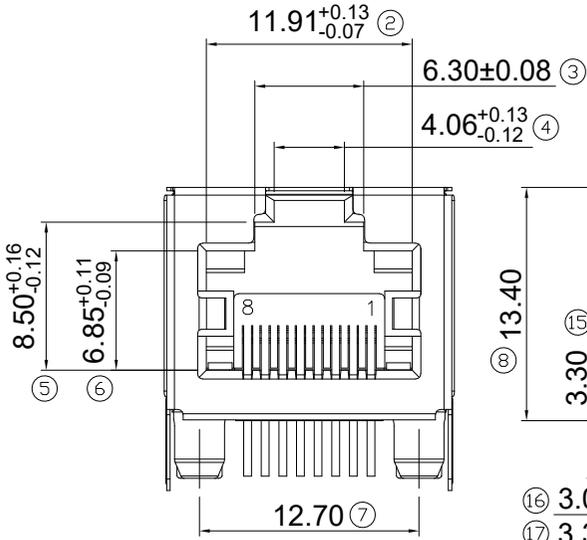


# GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A4.1			Add Electrical Spec	2023/01/12	Vince
A4.2			Add Packing Spec	2023/07/11	Vince
A4.3			Modify Packing Spec	2023/07/12	Vince
A4.4			Add Font	2024/03/29	Vince
A4.5			Modify Part No Description	2025/09/19	Vince



PCB LAYOUT TOLERANCE: ±0.05mm  
TOP VIEW



### NOTES:

- MATERIALS:**  
HOUSING: PBT , BLACK (UL94V-0).  
CONTACTS: PHOSPHOR BRONZE T=0.30mm.  
SHIELD: C2680,T=0.20mm
- FINISH:**  
CONTACT: 50U" NICKE LUNDERPLAT ON ALL AREA.  
100U"MIN. TIN ON SOLDER TAILS.  
6U" GOLD PLATED ON CONTACT AREA.  
SHIELD: COPPER ALLOY PLATED WITH NICKEL.
- OPERATING TEMPERATURE : -40°C ~ +85°C.
- STORAGE TEMPERATURE: -40°C ~ +85°C.
- JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68, SUBPART F.
- THIS PRODUCT IS A WAVE-SOLDERING SOLDERING PROCESS.
- ELECTRICAL:**  
7-1 VOLTAGE RATING: 125 VAC RMS  
7-2 CURRENT RATING: 1.5 AMP.  
7-3 CONTACT RESISTANCE: 40mΩ MAX.  
7-4 INSULATION RESISTANCE: 1000MΩMIN. AT 500V DC.  
7-5 DIELECTRIC STRENGTH: 1000 VAC 50Hz 1MINUTE.
- PACKING SPEC**  
8-1 ESD LEVEL: 1C (The Product Itself Has No Static Electricity Requirement Except LED).  
8-2 HALOGEN FREE: NO  
8-3 LEAD-FREE: METTS LEAD-FREE.  
8-4 MSL LEVEL: LEVEL 2 (1 Year).  
8-5 PACKING: BLISTER PACK.

### ORDER INFORMATION :

MRJN - 1 1 T 3 3 R S

Matrix-RJ45 RS: ROHS HF: Halogen Free

F: 10/100  
G: 10/100/1000/2.5G/5G/10G  
N: Pure Connector

Series Number

S: SMD  
T: THT

11:1X1 ; 21:2X1  
12:1X2 ; 22:2X2  
14:1X4 ; 24:2X4  
16:1X6 ; 26:2X6  
18:1X8 ; 28:2X8  
1U:RJ+USB



Matrix Electronics Co.,Ltd

TOLERANCE:		DESIGN BY :	DATE :	PART NAME:	
X:X	±0.38	Vince Chen	2025/09/19	RJ45 1X1 TAB UP	
X:XX	±0.25	CHECKED BY:	DATE :	PART NO.	MRJN-11T33RS
X:XXX	±0.13	Hanson Huang	2025/09/19	MOLD NO.	NA
ANGLE: ±3		APPROVED BY1:	DATE :	DRAW NO.	
		Richard Hsieh	2025/09/19	SHEET NO.	1 OF 2
UNIT: mm [inch]		APPROVED BY2:	DATE :		
SCALE:1:1	SIZE:A4	Richard Hsieh	2025/09/19		