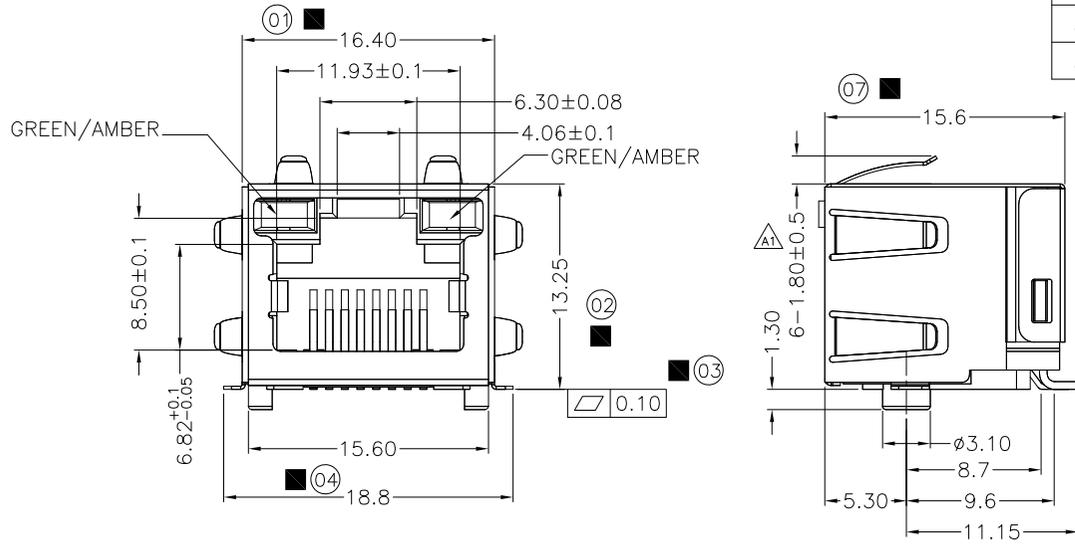
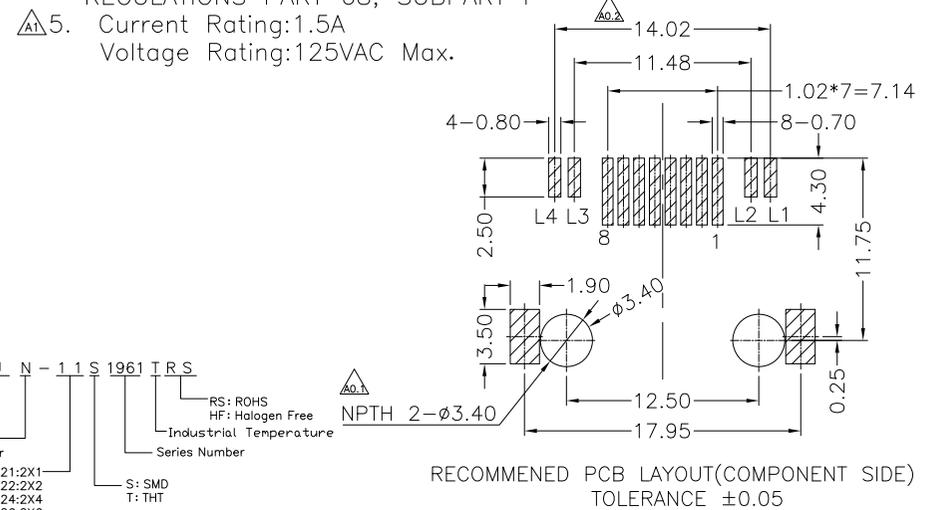
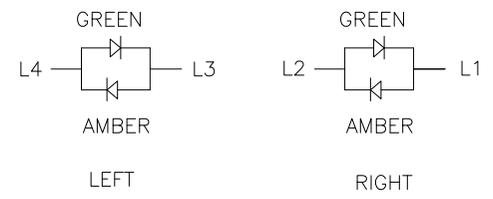
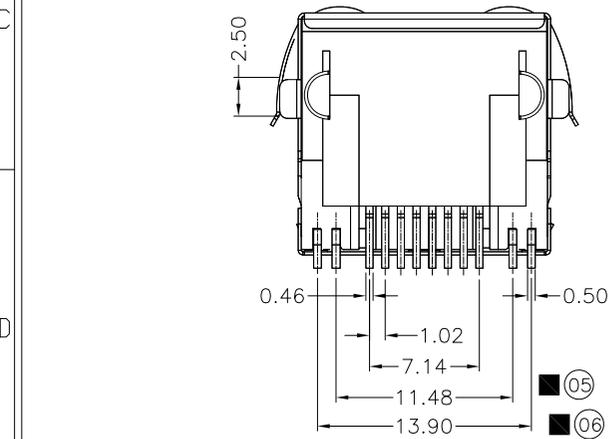


# GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0.1			Add Pcb Layout Annotation	2025/02/17	Vince
A0.2			Modify Pcb Layout Size	2025/02/20	Vince
A1			Add Size & Notes No.5	2025/03/14	Vince
A2			Modify Led Spec	2025/07/30	Vince



- NOTES:
- MATERIALS:  
HOUSING: LCP, UL 94V-0, BLACK.  
CONTACTS: T=0.30 mm PHOSPHOR BRONZE, 50u" NICKEL UNDERPLATE, 100u" MATTE TIN ON SOLDER TAIL, 6u" GOLD ON CONTACT AREA.  
SHELL: BRASS, T=0.20mm
  - OPERATING TEMPERATURE: -40°C ~ +85°C
  - LED SPEC:  
FORWARD VOLTAGE: 1.8~2.4V  
REVERSE CURRENT: 5uA MAX  
PEAK WAVE LENGTH  
GREEN: 515~535nm (Low Light)  
AMBER: 585~590nm (Standard Light)
  - JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68, SUBPART F
  - Current Rating: 1.5A  
Voltage Rating: 125VAC Max.



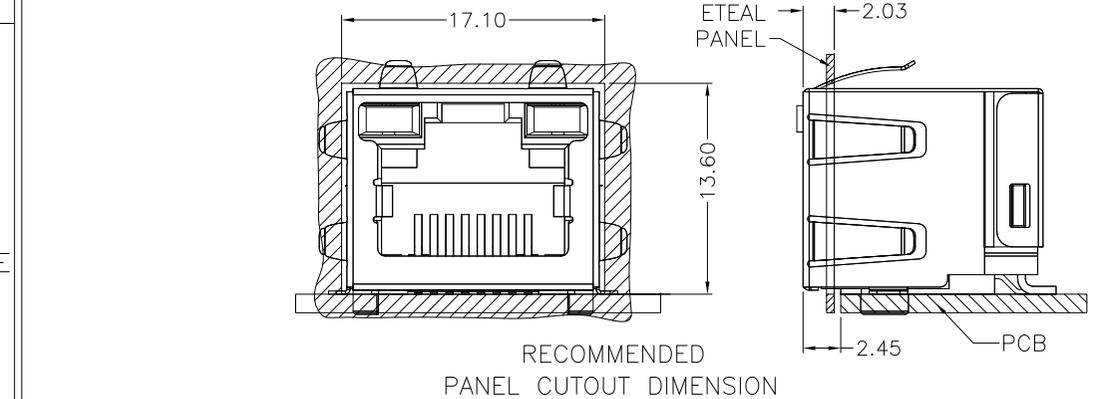
MATRIX PART NO : **MRJN-11S1961TRS**

Matrix-RJ45  
F: 10/100  
G: 10/100/1000  
N: Pure Connector

RS: ROHS  
HF: Halogen Free  
Industrial Temperature  
Series Number

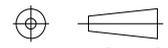
S: SMD  
T: THT

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: X:X ±0.38 X:XX ±0.25 X:XXX ±0.13 ANGLE: ±3		DESIGN BY : Vince Chen	DATE : 2025/07/30	PART NAME: RJ45 1X1 PCB JACK W/LED SMT TYPE	
 UNIT: mm [inch] SCALE: 1:1 SIZE: A4		CHECKED BY: Hanson Huang	DATE : 2025/07/30	PART NO.	MRJN-11S1961TRS
		APPROVED BY1: Richard Hsieh	DATE : 2025/07/30	MOLD NO.	NA
		APPROVED BY2: Richard Hsieh	DATE : 2025/07/30	DRAW NO.	
				SHEET NO.	1 OF 1