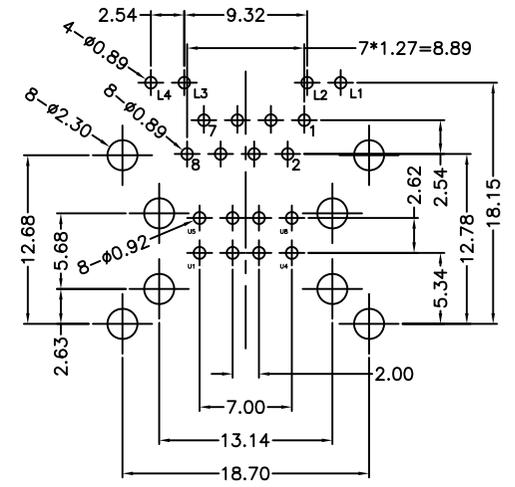
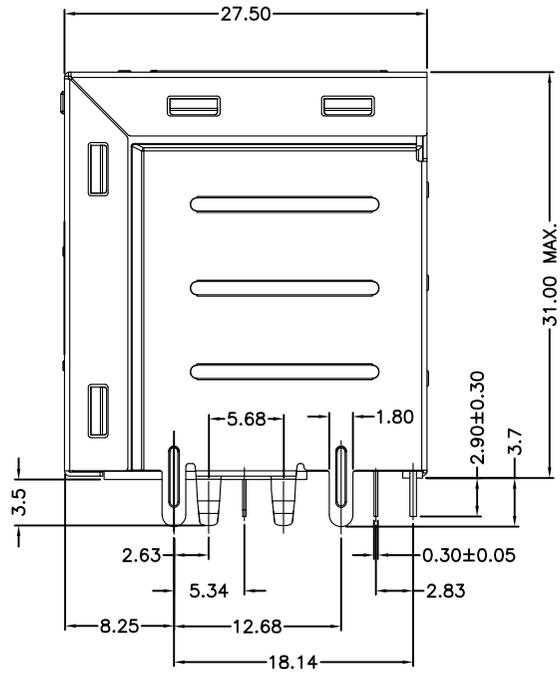
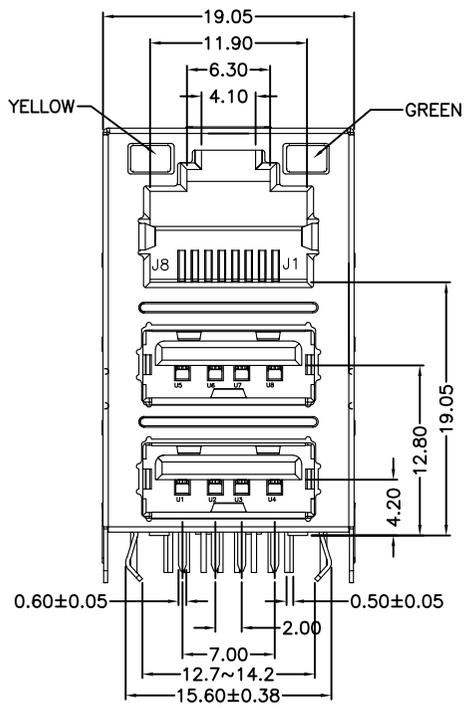


# GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
AO			Initial	2023/11/19	Vince

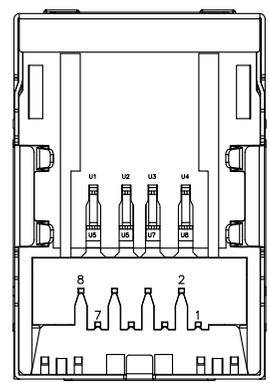
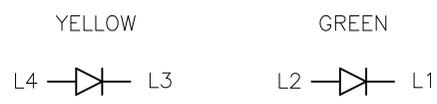
## 1. MECHANICAL DIMENSIONS :



RECOMMEND PCB LAYOUT(TOP VIEW)  
DIMENSIONAL TOLERANCE: ±0.05

- NOTES:
- MATERIALS:  
HOUSING: PBT, UL94V-0, BLACK.  
CONTACTS: COPPER ALLOY  
GOLD FLASH ON CONTACT AREA, TIN PLATING ON SOLDER TAIL  
SHIELD: STEEL  
30u" MIN NICKEL OVERALL
  - OPERATING TEMPERATURE: -40°C ~ +85°C
  - STORAGE TEMPERATURE: -40°C ~ +85°C
  - ELECTRICAL:  
1)VOLTAGE:125VAC  
2)RATING:1.5A  
3)CONTACT RESISTANCE:30mΩ MAX  
4) INSULATION:500MΩ MIN.  
5) DIELECTRIC:  
AC 1KV 1mA ,60S BETWEEN ADJACENT CONTACTS  
AC 1.5KV 1mA ,60S BETWEEN SHIELD TO CONTACTS
  - DURABILITY:1500 CYCLES MIN.

### LED CONFIGURATION :



MATRIX PART NO:  
**M R J N - 1 U T 1937 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

RS: ROHS  
HF: Halogen Free

Series Number

Series Number

S: SMD  
T: THT

Matrix Electronics Co.,Ltd			
TOLERANCE: X:X ±0.38 X:XX ±0.25 X:XXX ±0.15 X±2	DESIGN BY : Vince Chen	DATE : 2023/11/19	PART NAME: RJ45+USB2.0 CONN, W/ LED DIP TYPE
 UNIT: mm [inch] SCALE:1:1 SIZE:A4	CHECKED BY: Hanson Huang	DATE : 2023/11/19	PART NO. MRJN-1UT1937TRS
	APPROVED BY1: Richard Hsieh	DATE : 2023/11/19	MOLD NO. NA
	APPROVED BY2: Richard Hsieh	DATE : 2023/11/19	DRAW NO. SHEET NO. 1 OF 1