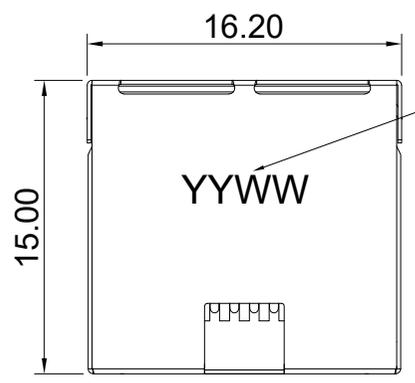
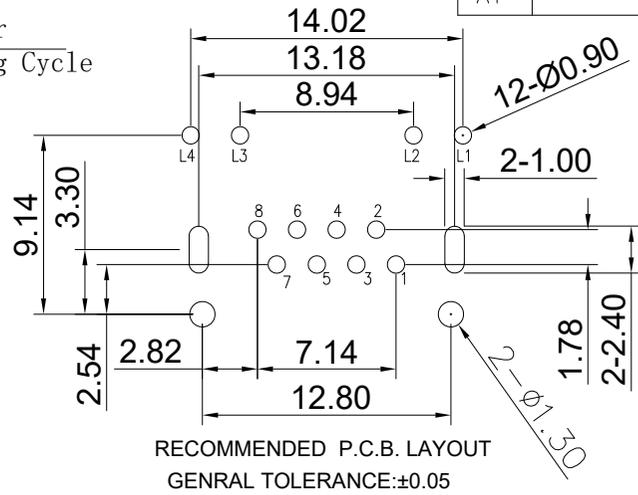


GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0.2			Add Led Electrical Parameter	2022/12/22	Vince
A0.3			Add Laser Engraving Cycle	2023/03/28	Vince
A1			Modify Size	2025/08/06	Vince



$\triangle 0.3$ Laser Engraving Cycle



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.
- LED RATINGS: FORWARD VOLTAGE: 2.2 VOLTS TYPICAL. FORWARD CURRENT: 30mA MAX. REVERSE VOLTAGE; 5 VOLTS MAX.

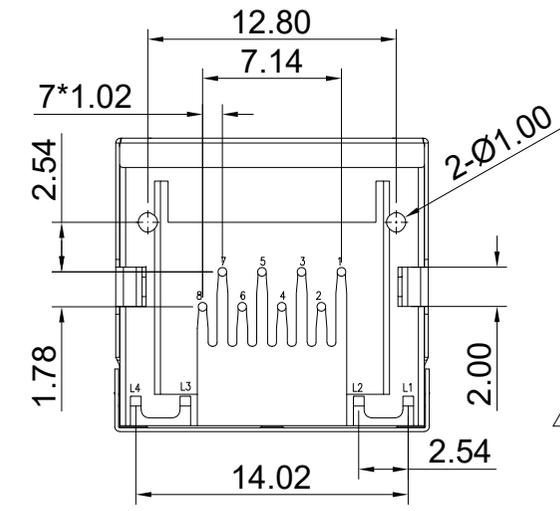
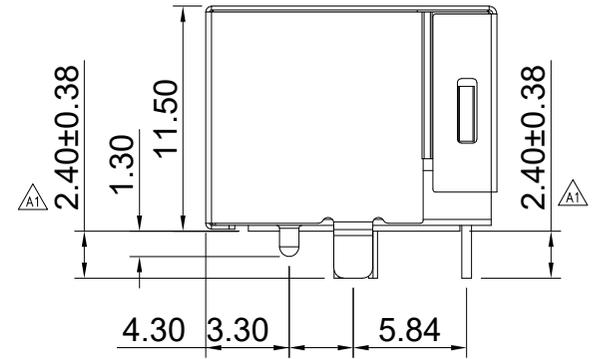
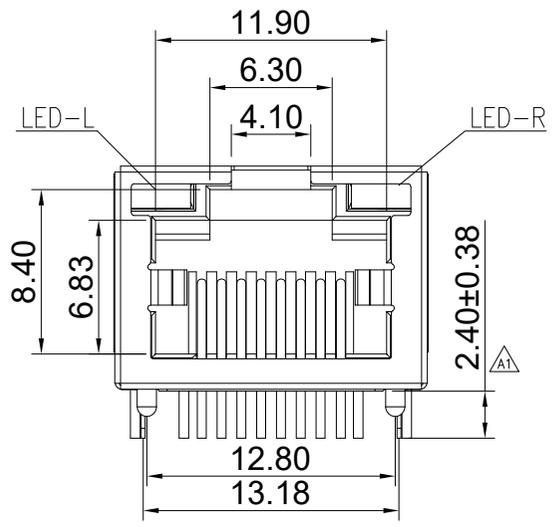
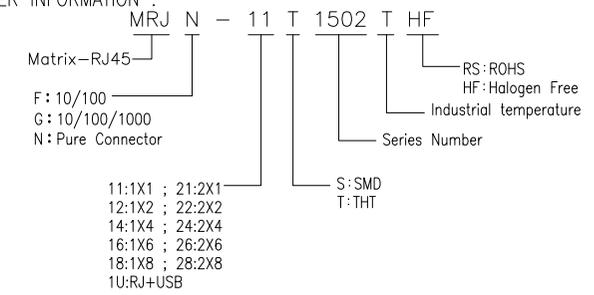
MECHANICAL:

- HOUSING MATERIAL: LCP HF UL94V-0 RATED, COLOR BLACK.
- CONTACT MATERIAL: PHOSPHOR BRONZE $\phi=0.46$ MM.
- SHELL MATERIAL: C2680 T=0.20MM, NICKEL 30U" MIN.
- CONTACT PLATING: GOLD PLATING OVER NICKEL, PLATED SN 80U" MIN. GOLD PLATED ON CONTENT AREA GF.
- OPERATING LIFE: 750 CYCLES MIN.
- MATING FORCE: 30N MAX. UNMATING FORCE: 30N MAX.
- THIS PRODUCT IS A REFLOW SOLDERING PROCESS.

ENVIRONMENTAL:

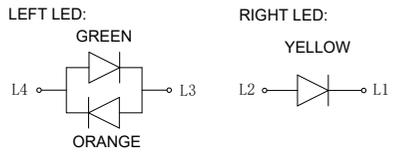
- STORAGE: -40°C TO +85°C
- OPERATION: -40°C TO +85°C

ORDER INFORMATION :



LED SCHEMATIC:

LED SCHEMATIC:



Color	Wavelength
GREEN	波长565~575
ORANGE	波长600~610
YELLOW	波长585~595

Pin Define		
	10/100 Base	1000 Base
1	TX_DA+	TX_DA+
2	TX_DA-	TX_DA-
3	RX_DB+	RX_DB+
4	N/C	BL_DC-
5	N/C	BL_DC-
6	RX_DB-	RX_DB-
7	N/C	BL_DD+
8	N/C	BL_DD-



Matrix Electronics Co.,Ltd

TOLERANCE:		DESIGN BY :	DATE :	PART NAME:	
X:X	±0.38	Vince Chen	2025/08/06	RJ45 8P8C JACK W/LED DIP TYPE	
X:XX	±0.25	CHECKED BY:	DATE :	PART NO.	MRJN-11T1502THF
X:XXX	±0.15	Hanson Huang	2025/08/06	PART NO.	MRJN-11T1502THF
ANGLE: ±3		APPROVED BY1:	DATE :	MOLD NO.	NA
		Richard Hsieh	2025/08/06	DRAW NO.	
		APPROVED BY2:	DATE :	SHEET NO.	1 OF 1
		Richard Hsieh	2025/08/06		

