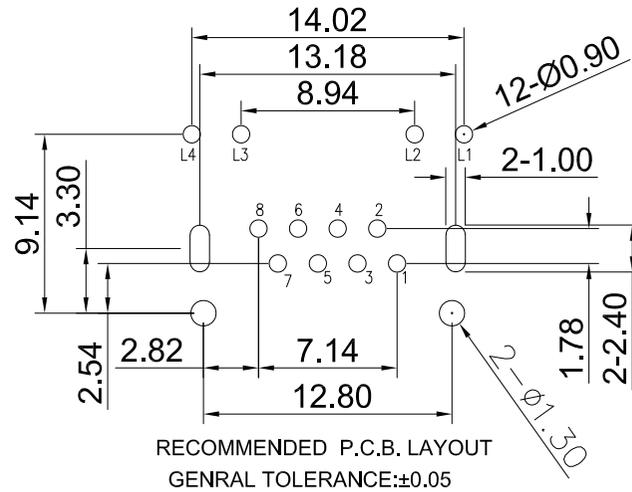
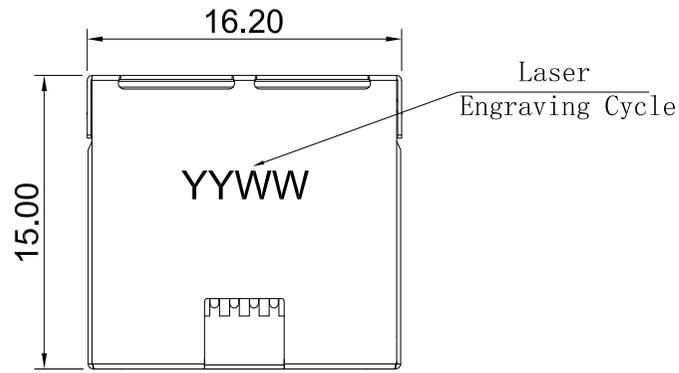


GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
AO			Initial	2023/05/23	Vince
AO.1			Modufy Led Spec	2024/05/30	Vince

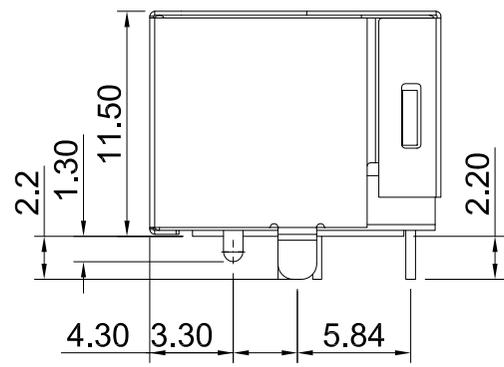
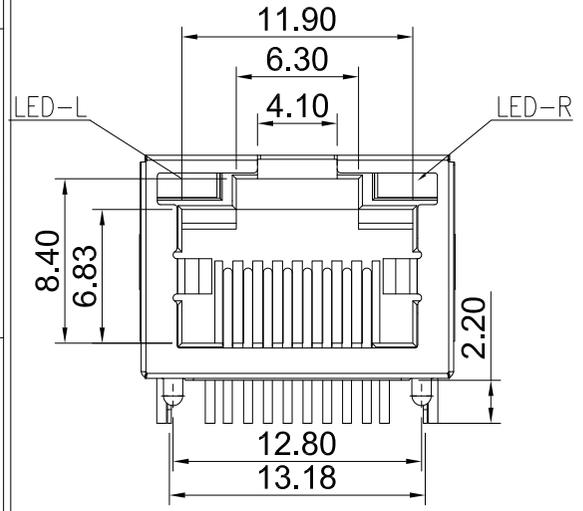
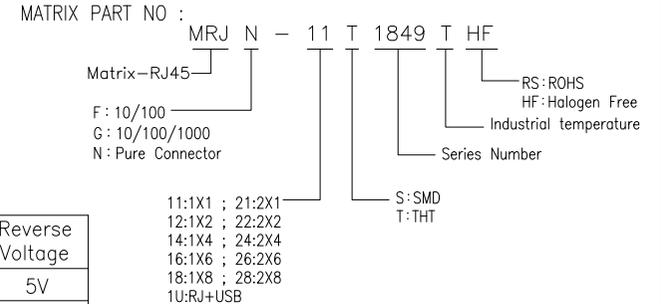


- ELECTRICAL:**
- VOLTAGE RATING: 125 VAC RMS.
 - CURRENT RATING: 1.5 AMP.
 - CONTACT RESISTANCE: 40mΩ MAX.
 - INSULATION RESISTANCE: 1000MΩMIN. AT 500V DC.
 - DIELECTRIC STRENGTH: 1000 VAC 50Hz 1MINUTE.

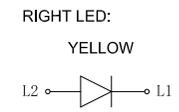
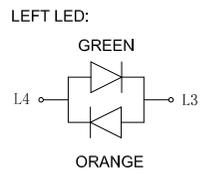
- MECHANICAL:**
- HOUSING MATERIAL: LCP HF UL94V-0 RATED,COLOR BLACK.
 - CONTACT MATERIAL: PHOSPHOR BRONZE $\phi=0.46$ MM.
 - SHELL MATERIAL: C2680 T=0.20MM,NICKEL 30U" MIN.
 - CONTACT PLATING:GOLD PLATING OVER NICKEL, PLATED NICKEL 30U" MIN. PLATED SN 80U" MIN. GOLD PLATEDON CONTENT AREA GF.

- OPERATING LIFE:750 CYCLES MIN.
- MATING FORCE: 30N MAX. UNMATING FORCE: 30N MAX.
- THIS PRODUCT IS A REFLOW SOLDERING PROCESS.

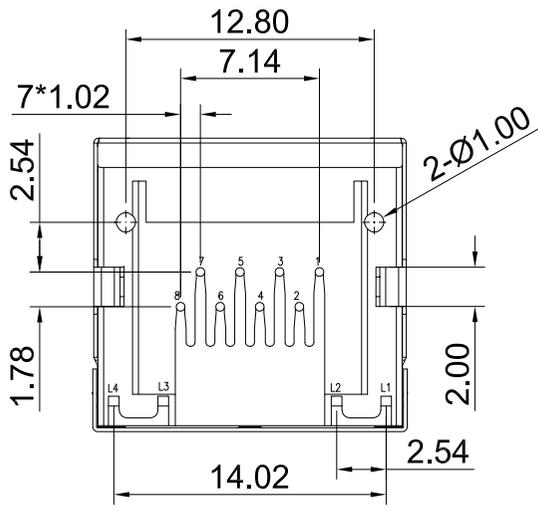
- ENVIRONMENTAL:**
- STORAGE:-40°C TO +85°C
 - OPERATION: -40°C TO +85°C



LED SCHEMATIC:



Emitting Color	λ p(nm)	Vf@If=20mA	Forward Current	Reverse Voltage
GREEN	565-575	1.8-2.2V	30mA	5V
YELLOW	585-595	1.8-2.2V	30mA	5V
ORANGE	598-610	1.8-2.2V	30mA	5V



	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:
X:X ±0.38
X:XX ±0.25
X:XXX ±0.15
ANGLE: ±3

DESIGN BY : Vince Chen
DATE : 2024/05/30
PART NAME: RJ45 8P8C JACK W/LED DIP TYPE

CHECKED BY: Hanson Huang
DATE : 2024/05/30
PART NO.: MRJN-11T1849THF

APPROVED BY1: Richard Hsieh
DATE : 2024/05/30
MOLD NO.: NA

APPROVED BY2: Richard Hsieh
DATE : 2024/05/30
DRAW NO.:
SHEET NO.: 1 OF 1

UNIT: mm [inch]
SCALE: 1:1 **SIZE:** A4