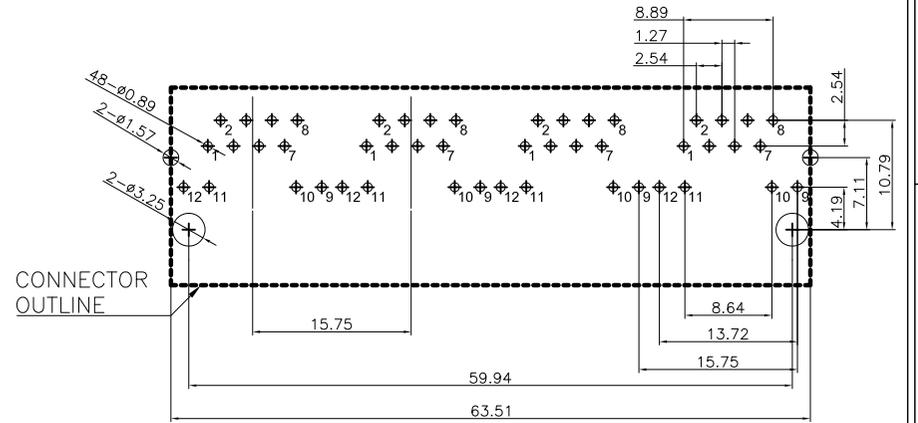
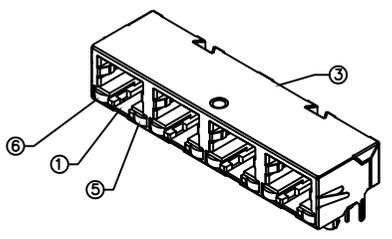
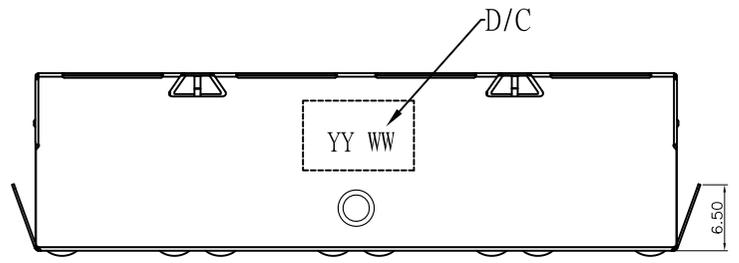


# GP Component

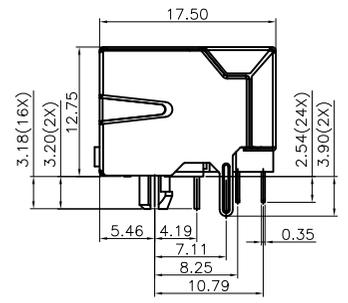
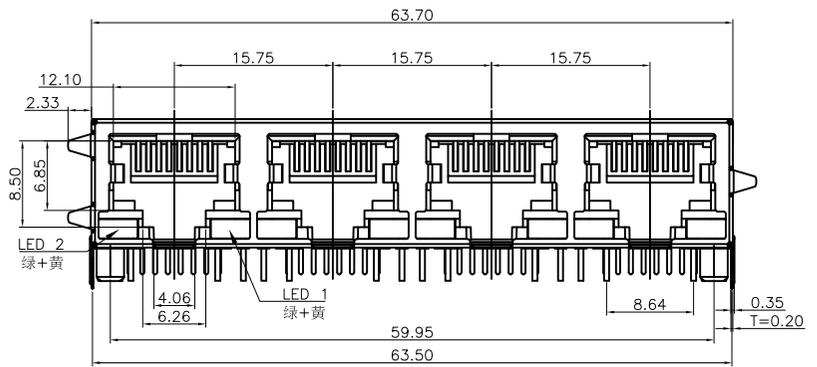
REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
AO			Initial	2023/10/16	Vince
A1			Modify Housing Plastic material	2024/12/06	Vince



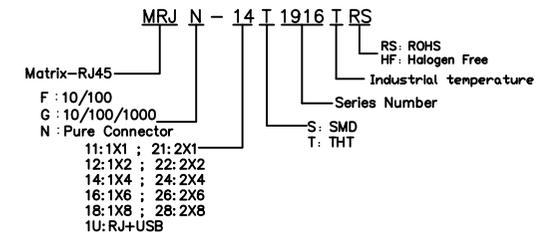
SUGGESTED PCB LAYOUT  
DIMENSIONAL TOLERANCE: .XX ±0.08

NOTES:

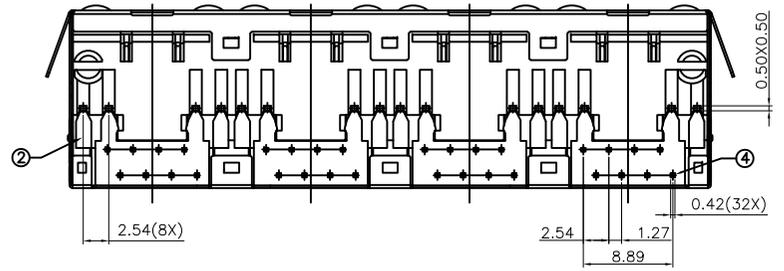
- MATERIAL:
  - HOUSING: PA66 BLACK UL94V-0. (Rohs)
  - INSERT: PBT BLACK UL94V-0. (Rohs)
  - CONTACT: PHOSPHOR BORNEZE, T=0.35mm, GOLD 15u" ON CONTACT AREA, MATTE TIN ON SOLDER TAIL.
  - SHELL: COPPER ALLOY, NICKEL 50u" OVERALL
- OPERATING TEMPERATURE: -40°C ~ +85°C
- JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68. SUBPART F



MATRIX PART NO:

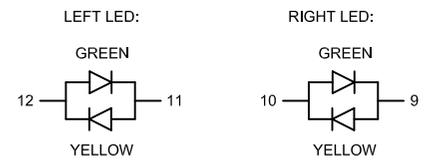


6	LED2	8	/	(双色灯) GREEN/YELLOW BRIGHT TIN 100U"MIN
5	LED1			
4	CONTACT	32	PHOSPHORUS COPPER	15u" GOLD ON CONTACT AREA, 100u"MIN. BRIGHT TIN, SOLDER AREA, 50u"MIN. NICKEL UNDERPLATED OVERALL.
3	SHELL	1	COPPER	50u"MIN. NICKEL UNDERPLATED OVERALL.
2	COVER	4	PBT	UL94 V-0, COLOR: BLACK
1	HOUSING	1	PA66	UL94 V-0, COLOR: BLACK
No.	Part Name	Q'TY	Material	Finish



COLOR	VF(V) @20mA		IV(mcd) @20mA	IF(mA)	PEAK WAVE LENGTH λP(nm) @20mA
	TYP	MAX	TYP	TYP	TYP
GREEN	2.2	2.6	8	20	570
YELLOW	2.0	2.6	8	20	588

LED SCHEMATIC:



## Matrix Electronics Co., Ltd

TOLERANCE: X.X ±0.38 X.XX ±0.25 X.XXX ±0.13 X.* ±2* X.X* ±1*	DESIGN BY : Vince Chen	DATE : 2024/12/06	PART NAME: RJ45 1X4 CONN,W/LED	
UNIT: mm [inch]	CHECKED BY: Hanson Huang	DATE : 2024/12/06	PART NO.	MRJN-14T1916TRS
SCALE: 1:1 SIZE: A4	APPROVED BY1: Richard Hsieh	DATE : 2024/12/06	MOLD NO.	NA
	APPROVED BY2: Richard Hsieh	DATE : 2024/12/06	DRAW NO.	
			SHEET NO.	1 OF 1