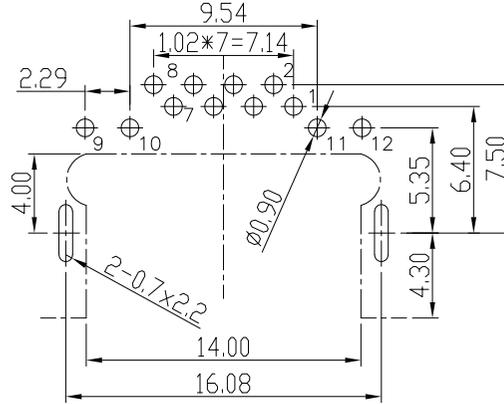
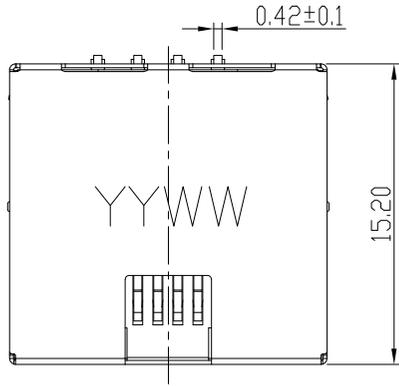


GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
AO			Initial	2022/07/13	Vince
AO.1			Add Pin Define	2023/08/10	Vince



Recommend PCB Layout
(Top View)
TOLERANCES:±0.05

ELECTRICAL:

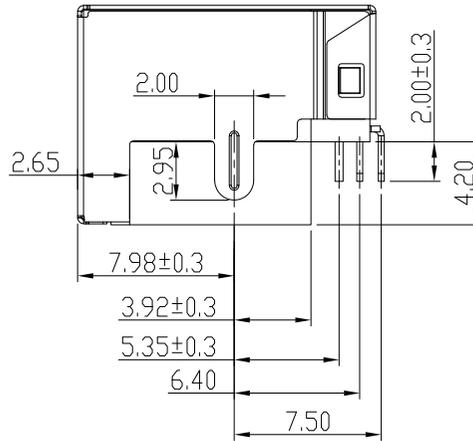
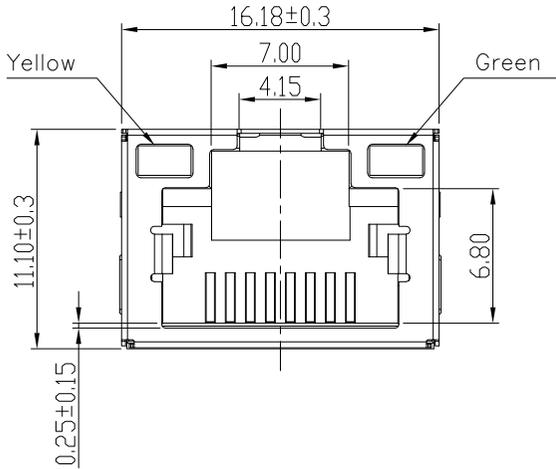
- VOLTAGE RATING: 125 VAC RMS
- CURRENT RATING: 1.5 AMP
- CONTACT RESISTANCE: 20mΩ MAX.
- INSULATION RESISTANCE: 1000MΩMIN. AT 500V DC.
- DIELECTRIC STRENGTH: 1000 VAC 50Hz 1MINUTE.

MECHANICAL:

- HOUSING MATERIAL:
LCP HF UL94V-0 RATED,COLOR BLACK.
- CONTACT MATERIAL: PHOSPHOR BRONZE T=0.30MM.
- CONTACT PLATING: GOLD PLATING OVER NICKEL,
PLATED NICKEL 30U" MIN.
GOLD PLATED ON CONTACT AREA GF.
NICKEL 30U" MIN.
- SHIELD:COPPER ALLOY PLATED WITH T=0.20MM.
- OPERATING LIFE: 750 CYCLES MIN.
- MATING FORCE: 30N MAX.
UNMATING FORCE: 30N MAX.

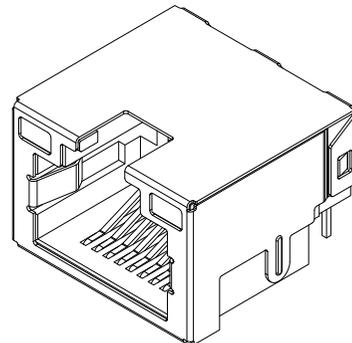
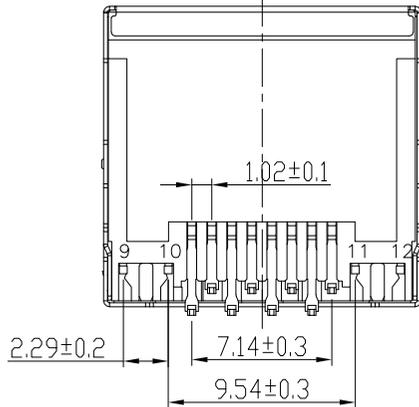
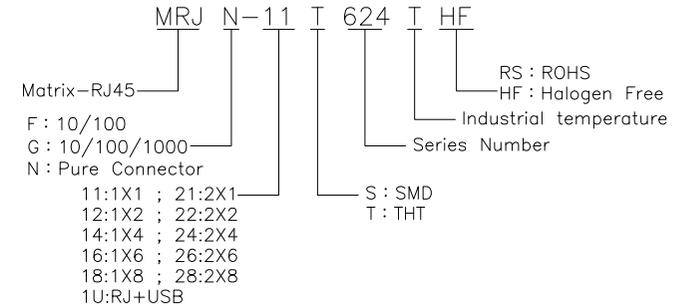
ENVIRONMENTAL:

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



NOTE		COLOR
9(+)	10(-)	Yellow
11(+)	12(-)	Green

MATRIX PART NO:



AO.1

Pin Define		
	10/100 Base	1000 Bas
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	BI_DD-



Matrix Electronics Co.,Ltd

TOLERANCE: X:X ±0.38 X:XX ±0.25 X:XXX ±0.13 ANGLE: ±3	DESIGN BY : Vince Chen	DATE : 2023/08/10	PART NAME: RJ45 Shen plate TIP 8P8C	
UNIT: mm [inch]	CHECKED BY: Hanson Huang	DATE : 2023/08/10	PART NO.	MRJN-11T624THF
SCALE:1:1 SIZE:A4	APPROVED BY1: Richard Hsieh	DATE : 2023/08/10	MOLD NO.	NA
	APPROVED BY2: Richard Hsieh	DATE : 2023/08/10	DRAW NO.	
			SHEET NO.	1 OF 1