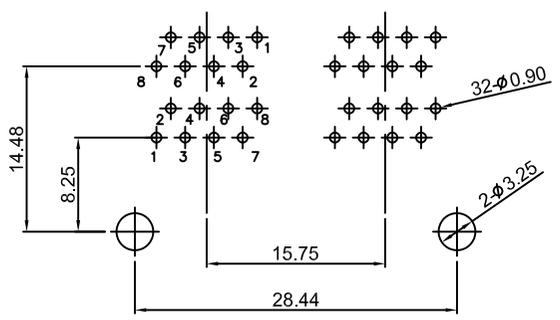
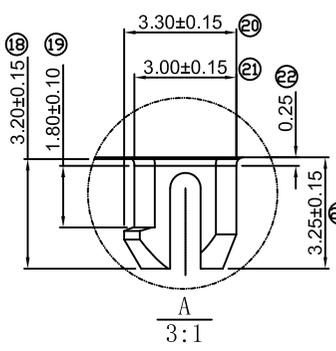
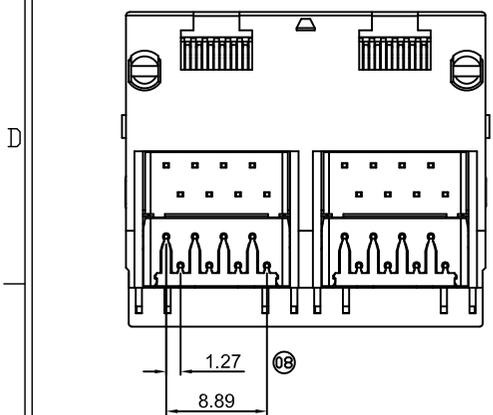
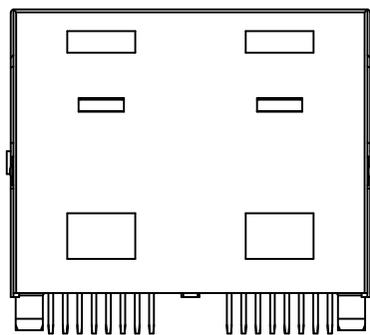
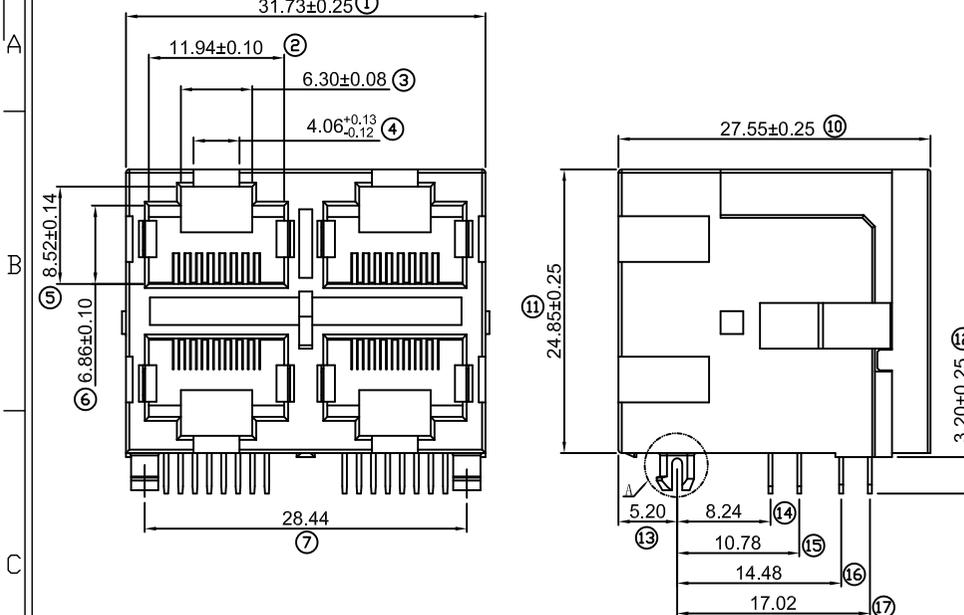


GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
AO			Initial	2021/02/10	Vince
A1			Plastic Structural Changes	2022/03/24	Vince

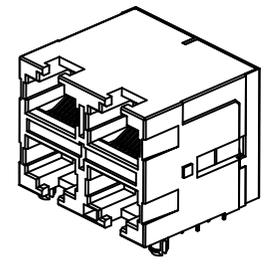
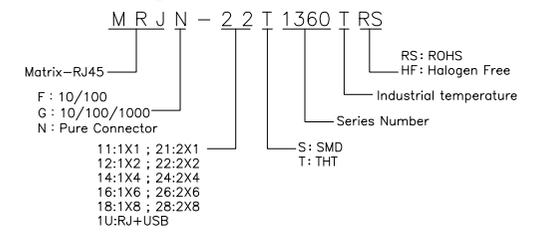


RECOMMENED PCB LAYOUT
COMPONENT SIDE
TOLERANCE ±0.05

NOTES:

- ELECTRICAL:
 - 1-1 VOLTAGE RATING: 125 VAC RMS
 - 1-2 CURRENT RATING: 1.5 AMP
 - 1-3 CONTACT RESISTANCE: 30mΩ MAX.
 - 1-4 INSULATION RESISTANCE: 500 MΩMIN. AT 500V DC.
 - 1-5 DIELECTRIC STRENGTH: 1000 VAC 50Hz 1MINUTE
 - 1-6 RATINGS: FORWARD VOLTAGE; 2.2VOLTS TYPICAL REVERSE VOLTAGE; 5 VOLTS MAX.
- MECHANICAL:
 - 2-1 HOUSING MATERIAL: PA46 UL94V-0 RATED, COLOR BLACK.
 - 2-2 CONTACT MATERIAL: PHOSPHOR BRONZE T=0.35MM
 - 2-3 CONTACT PLATING: GOLD PLATING OVER NICKEL, PLATED NICKEL 30U" MIN. GOLD PLATED ON CONTACT AREA G/F.
 - 2-4 SEPTA: BRASS T=0.20MM, PLATED NICKEL 30U" MIN.
 - 2-5 OPERATING LIFE: 750 CYCLES MIN.
 - 2-6 MATING FORCE: 30N MAX. UNMATING FORCE: 30N MAX.
 - 2-7 JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68, SUBPART F.
- ENVIRONMENTAL:
 - 3-1 STORAGE: -40°C TO +85°C.
 - 3-2 OPERATION: -40°C TO +85°C.

MATRIX PART NO:



Matrix Electronics Co.,Ltd			
TOLERANCE: X.X ±0.38 X.XX ±0.25 X.XXX ±0.13 ANGLE: ±3°	DESIGN BY : Vince Chen	DATE : 2022/03/24	PART NAME: RJ45 CONNECTOR 2X2 PORT W/O LED, 8P8C, W/O Shielded
	CHECKED BY: Hanson Huang	DATE : 2022/03/24	PART NO. MRJN-22T1360TRS
	APPROVED BY1: Richard Hsieh	DATE : 2022/03/24	MOLD NO. NA
	APPROVED BY2: Richard Hsieh	DATE : 2022/03/24	DRAW NO.
SCALE: 1:1	SIZE: A4		SHEET NO. 1 OF 1