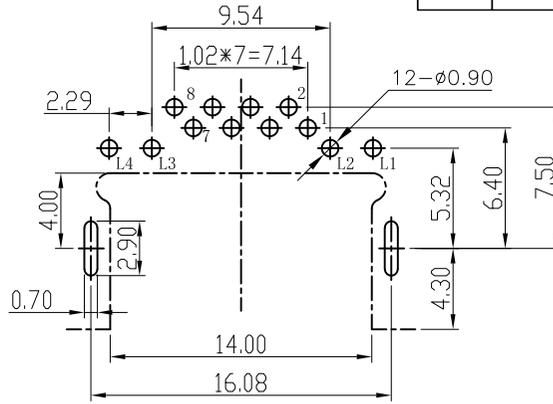
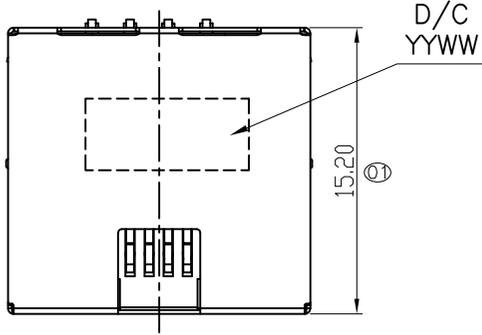
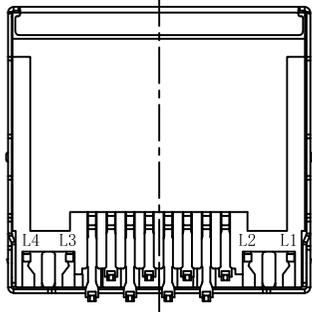
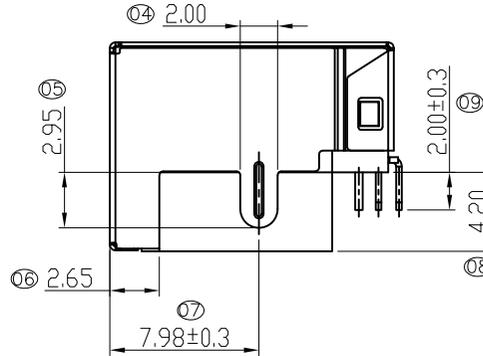
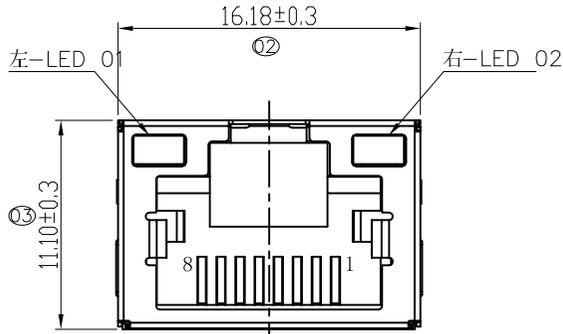


GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2024/05/16	Vince



Recommend PCB Layout
(Jack Top View) TOLERANCES: ±0.05



MATRIX PART NO:

MRJ N-11 T 2017 T HF

Matrix-RJ45

F : 10/100

G : 10/100/1000

N : Pure Connector

11:1X1 : 21:2X1

12:1X2 : 22:2X2

14:1X4 : 24:2X4

16:1X6 : 26:2X6

18:1X8 : 28:2X8

1U:RJ+USB

S: SMD

T: THT

RS: ROHS

HF: Halogen Free

Industrial temperature

Series Number

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 T=0.30MM.
- CONTACT PLATING: GOLD PLATING OVER NICKEL,
PLATED NICKEL 30U" MIN.
GOLD PLATED ON CONTACT AREA GF.
- SHIELD:COPPER ALLOY PLATED WITH T=0.20MM.
NICKEL 30U" MIN.
- OPERATING LIFE: 750 CYCLES MIN.
- MATING FORCE: 20N MAX.
UNMATING FORCE: 50N MAX.

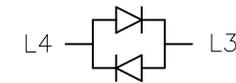
ENVIRONMENTAL:

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

LED SCHEMATIC:

LEFT LED:

ORANGE



GREEN

RIGHT LED:

YELLOW



Matrix Electronics Co., Ltd

TOLERANCE:	DESIGN BY :	DATE :	PART NAME:	
X:X X.X ±0.38 X.XX ±0.25 X.XXX ±0.13 ANGLE: ±3	Vince Chen	2024/05/16	RJ45 SHEN PLATE TIP 8P8C	
 UNIT: mm [inch] SCALE:1:1 SIZE:A4	CHECKED BY:	DATE :	PART NO.	MRJN-11T2017THF
	Hanson Huang	2024/05/16		
 APPROVED BY1: APPROVED BY2:	Richard Hsieh	DATE :	MOLD NO.	NA
	Richard Hsieh	2024/05/16		
		DATE :	DRAW NO.	
		2024/05/16	SHEET NO.	1 OF 1