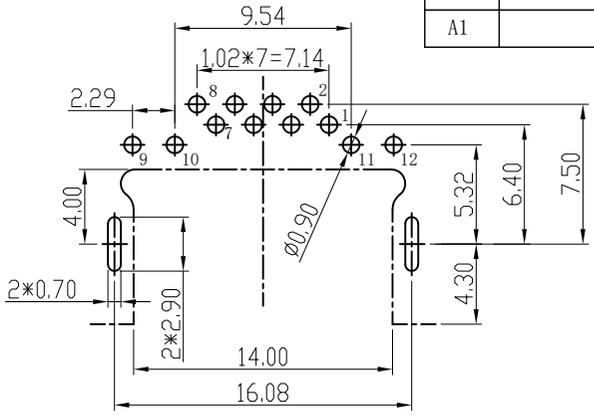
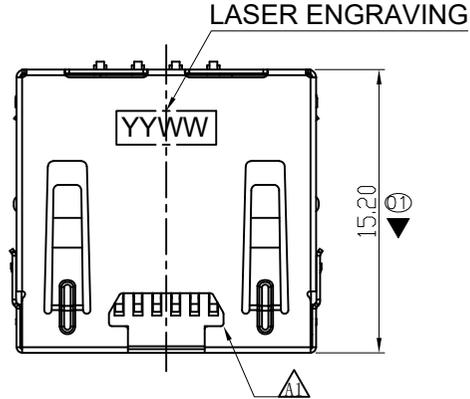


GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2024/06/01	Vince
A0.1			Modify Electrical	2024/06/04	Vince
A1			Modify Shell	2025/06/05	Vince



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

ELECTRICAL:

- VOLTAGE RATING: 125 VAC RMS
- CURRENT RATING: 1.5 AMP
- CONTACT RESISTANCE: 40 mΩ MAX.
- INSULATION RESISTANCE: 500 MΩ MIN. AT 500V DC.
- DIELECTRIC STRENGTH: 1000 VDC 50HZ 1MINUTE.

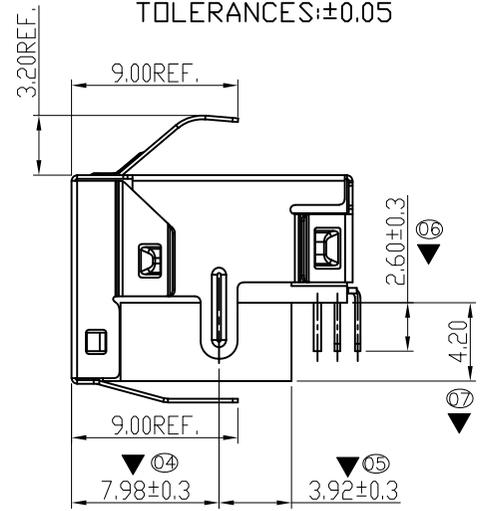
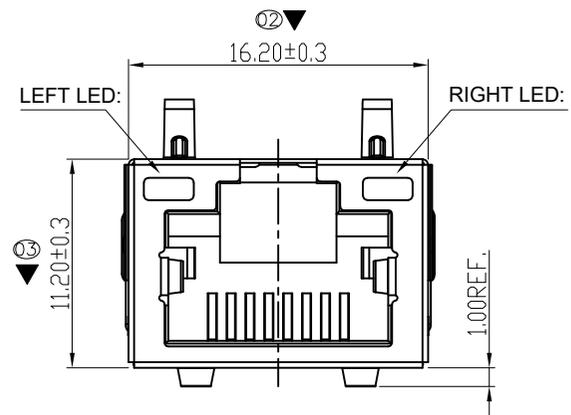
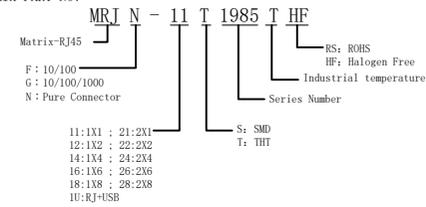
MECHANICAL:

- HOUSING MATERIAL: LCP UL94V-0 RATED, COLOR BLACK, HF.
- CONTACT MATERIAL: COPPER ALLOY.
- CONTACT PLATING: PLATED NICKEL 30U"MIN. UNDER PLATING ALL, PLATED TIN ON SOLDER TAILS 100U" MIN. GOLD PLATED ON CONTACT AREA 6U".
- SHIELD: COPPER ALLOY PLATED WITH NICKEL 30U"MIN.
- OPERATING LIFE: 750 CYCLES MIN.
- MATING FORCE: 20N MAX. UNMATING FORCE: 50N MAX.
- REFLOW SOLDERING TEMP.: 260°±5° 5-10 SECONDS.
- JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68, SUBPART F.

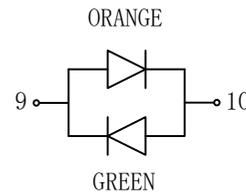
ENVIRONMENTAL:

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

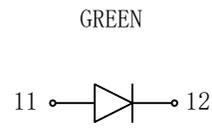
MATRIX PART NO:



LEFT LED:



RIGHT LED:



Emitting Color	λ p(nm)	Vf@If=20mA
GREEN	565	1.8-2.4V
ORANGE	605	1.8-2.4V

Matrix Electronics Co., Ltd

TOLERANCE: X:X ±0.38 X:XX ±0.25 X:XXX ±0.15 ANGLE: ±3	DESIGN BY : Vince Chen	DATE : 2025/06/05	PART NAME: RJ45 8P8C JACK W/LED DIP TYPE	
 UNIT: mm [inch] SCALE:1:1 SIZE:A4	CHECKED BY: Hanson Huang	DATE : 2025/06/05	PART NO.	MRJN-11T1985THF
	APPROVED BY1: Richard Hsieh	DATE : 2025/06/05	MOLD NO.	NA
	APPROVED BY2: Richard Hsieh	DATE : 2025/06/05	DRAW NO.	
			SHEET NO.	1 OF 1