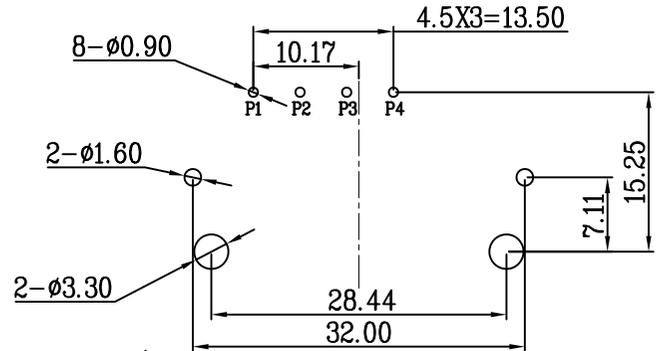
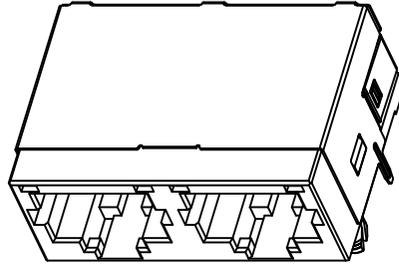
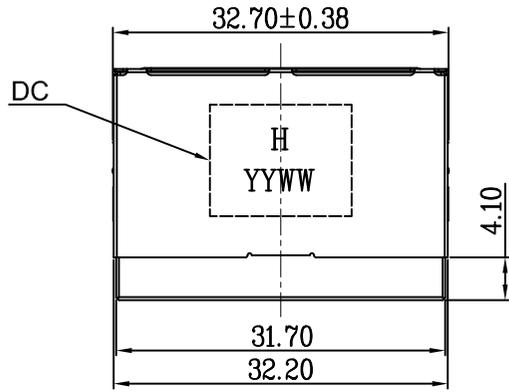


# GP Component

Printing:

H  
YYWW

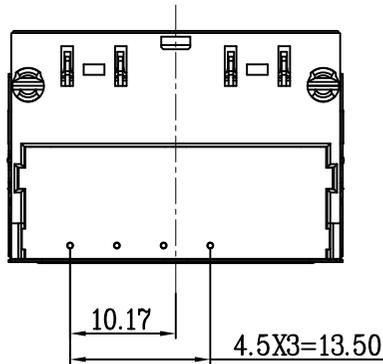
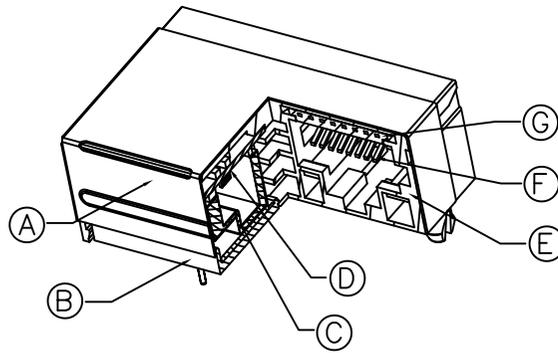
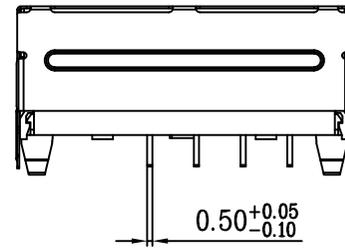
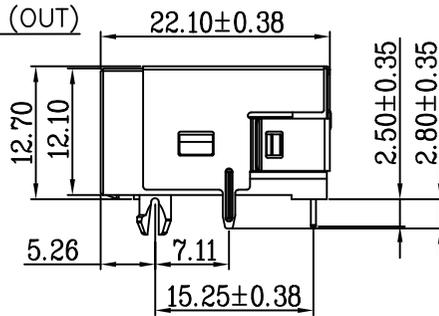
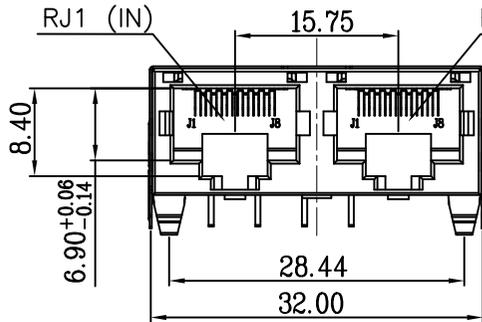
## 1. MECHANICAL DIMENSIONS :



△ Suggested PCB Layout(Top View)  
(Tolerance: ±0.05)

MATRIX PART NO:

MRJ 10G-12 T 1737 T RS  
 Matrix-RJ45  
 F:10/100  
 G:10/100/1G/10G  
 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



### 1.Material:

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
A	METAL SHIELDING	1	C2680 T=0.20MM	NICKEL 30u" MIN.
B	COVER	1	PA46 UL94V-0	BLACK
C	MAG BASE	1	10G MAG BASE	BLACK
D	PCB	1	FR/4	GREEN
E	HOUSING	1	PA46 UL94V-0	BLACK
F	RJ TERMINAL	16	C5210-H T=0.30MM	AU 30u"MIN ON CONTACT AREA, TIN PLATED ON SOLDER AREA 80u" MIN, OVERALL NICKEL PLATING 30u" MIN.
G	INSE MOLDING	1	PA46 UL94V-0	BLACK



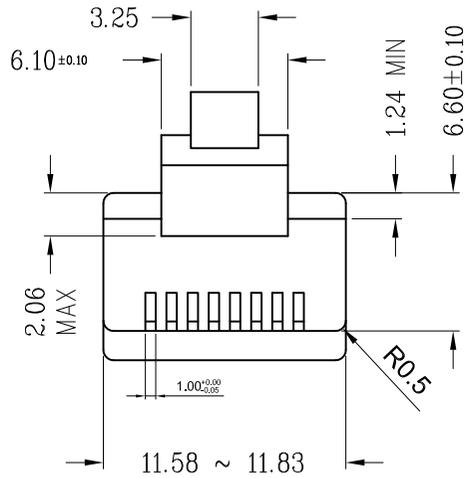
## Matrix Electronics Co.,Ltd

TOLERANCE: X X ±0.38 X XX ±0.25 X XXX ±0.13 ANGLE: ±3°	DESIGN BY :	DATE :	PART NAME:	
	Vince Chen	2024/05/08	RJ45 CONN W/O LED, 10G Base FILTER	
UNIT: mm [inch] SCALE:1:1 SIZE:A4	CHECKED BY:	DATE :	PART NO.	MRJ10G-12T1737TRS
	Hanson Huang	2024/05/08	MOLD NO.	NA
APPROVED BY1: APPROVED BY2:	Richard Hsieh	DATE :	DRAW NO.	
	Richard Hsieh	2024/05/08	SHEET NO.	1 OF 3

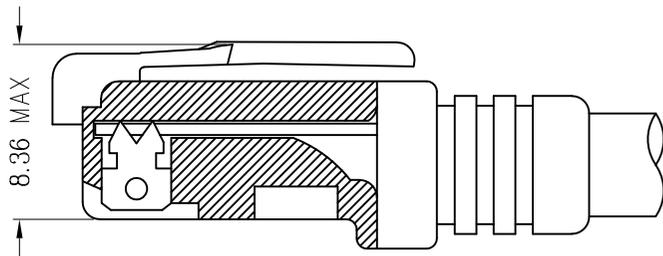


# GP Component

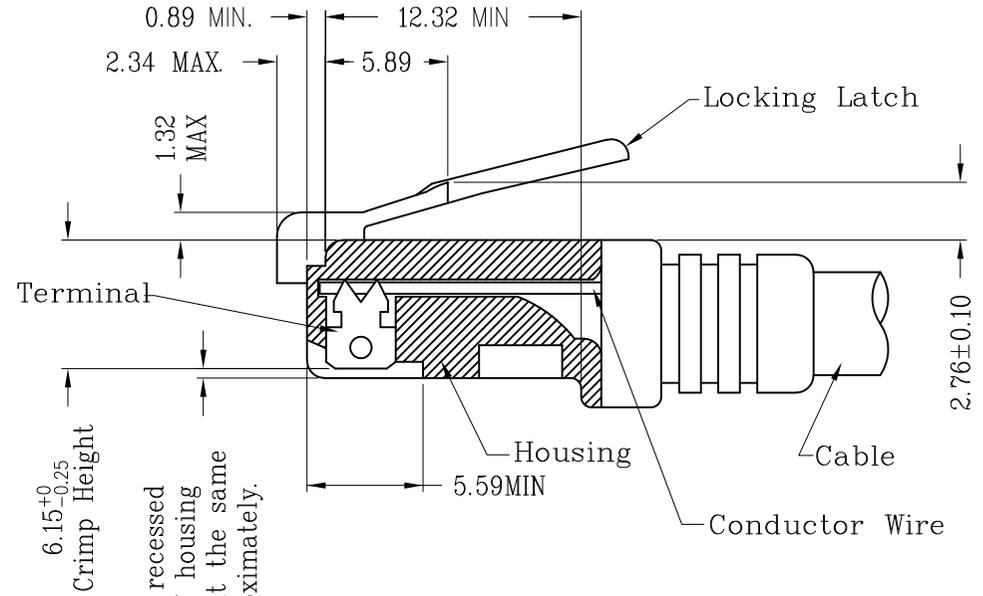
REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2022/12/04	Vince
A0.1			Modify PCB Layout	2024/02/15	Vince
A1			Modify Shielding	2024/05/06	Vince
A1.1			Modify PCB Layout	2024/05/08	Vince



- \* There must be no damage to housing or locking latch. There must be no nicks or cuts in cable.
- \* Durability : 750 cycles generally



FOLLOW SPECIFICATION : FCC, PART 68, SUBPART F  
FIGURE 68.500 (C)(2)(ii)



All contacts recessed below top of housing and must be at the same height approximately.

FOLLOW SPECIFICATION : FCC, PART 68, SUBPART F FIGURE 68.500 (C)(2)(i) AND IEC 603-7 FIGURE 23 & 24

## STANDARD MODULAR PLUG ASSEMBLY

 <b>Matrix Electronics Co.,Ltd</b>				
<b>TOLERANCE:</b> X ±0.38 XX ±0.25 XXX ±0.13 ANGLE: ±3°	DESIGN BY :	DATE :	PART NAME:	
	Vince Chen	2024/05/08	RJ45 CONN W/O LED, 10G Base FILTER	
  UNIT: mm [inch] SCALE:1:1 SIZE:A4	CHECKED BY:	DATE :	PART NO.	MRJ10G-12T1737TRS
	Hanson Huang	2024/05/08	MOLD NO.	NA
	APPROVED BY1:	DATE :	DRAW NO.	
	Richard Hsieh	2024/05/08	SHEET NO.	3 OF 3
	APPROVED BY2:	DATE :		
	Richard Hsieh	2024/05/08		