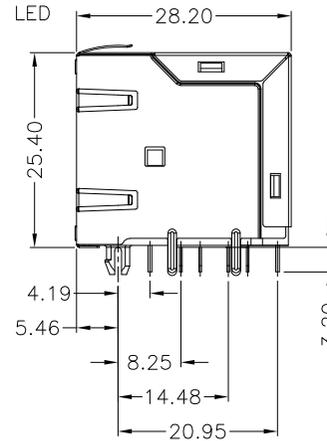# GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2016/03/15	Phebe Su
A1			新增備註	2021/01/06	Hanson

126.75
15.75*7=110.25
LEFT LED
RIGHT LED
122.94

28.20
25.40
4.19
5.46
8.25
14.48
20.95
3.20

GREEN
L4 — L3
ORANGE
LEFT

YELLOW
L2 — L1
RIGHT
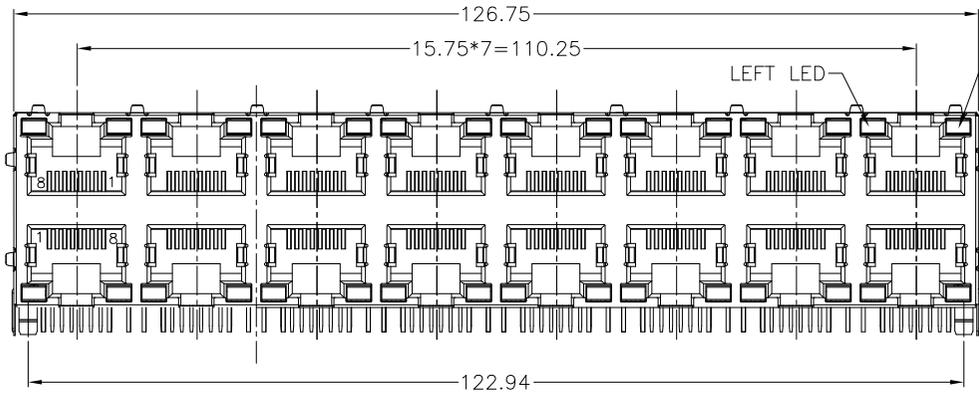
NOTES:
1. MATERIAL:
   HOUSING:PA46,UL94V-0,BLACK
   CONTACT:PHOSPHOR BORNZE,T=0.35
   SHELL:COPPER ALLOY
2. FINISH:
   CONTACT:GOLD 3u" ON CONTACT AREA
           MATTE TIN PLATING ON SOLDERTAIL
   SHELL:NICKEL PLATING OVERALL
4. OPERATING TEMPERTURE:-40℃~+85℃.
5. JACK CAVITY CONFORMS TO FCC RULES AND
   REGULATIONS PART 68, SUBPART F
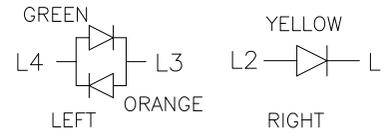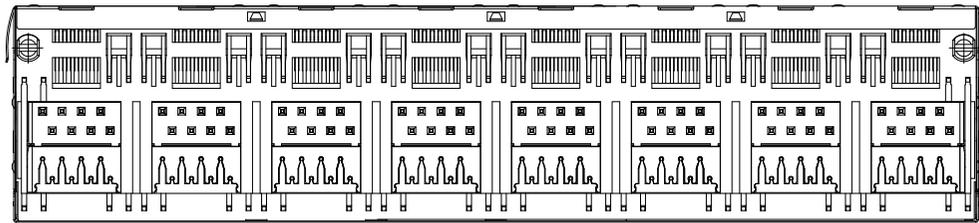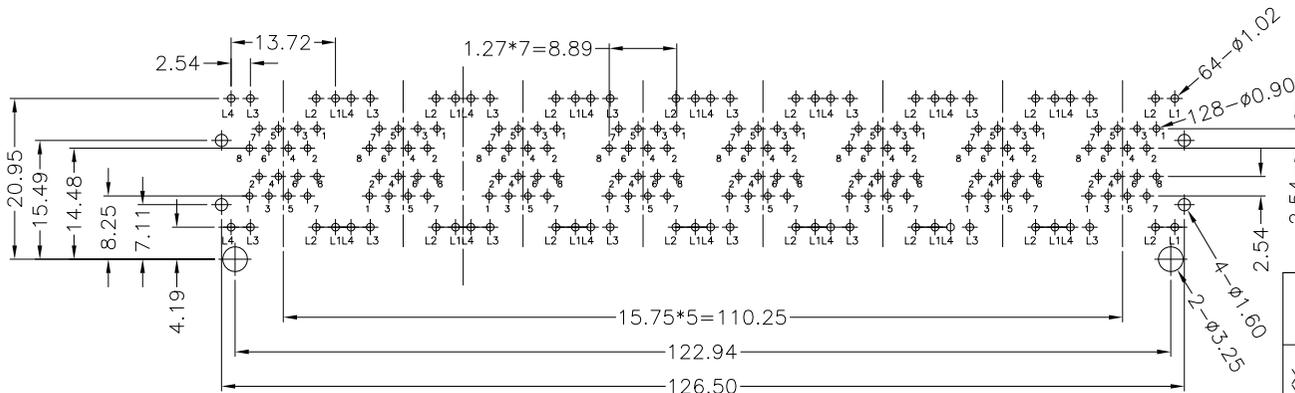
ORDER INFORMATION :

MRJ N - 28 T 449 T RS

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

Series Number
Industrial temperature
HF : Halogen Free
RS : ROHS

⚠ 備 註	
1	LED燈罩高度低於≦0.5mm
2	LED燈罩不可下陷(低於外殼)

2.54
13.72
1.27*7=8.89
64-φ1.02
128-φ0.90
2.54
2.54
L4 L2 L1 L4 L3
20.95
15.49
14.48
8.25
7.11
4.19
L2 L1 L4 L3
4-φ1.60
2-φ3.25
15.75*5=110.25
122.94
126.50

RECOMMENED PCB LAYOUT
COMPONENT SIDE
TOLERANCE ±0.05

Matrix Electronics Co.,Ltd

TOLERANCE:
X:x
X:x   ±0.38
X.XX   ±0.25
X.XXX   ±0.15
ANGLE: ±3°
UNIT: mm [inch]
SCALE:1:1   SIZE:A4

DESIGN BY :	DATE :	PART NAME:
Hanson Huang	2021/01/06	RJ45 CONNECTOR 2X8 PORT W/LED, 8P8C, Shielded, Thru-Hole
CHECKED BY:	DATE :	
Vicky Hsieh	2021/01/06	PART NO. MRJN-28T449TRS
APPROVED BY1:	DATE :	
Richard Hsieh	2021/01/06	MOLD NO. NA
APPROVED BY2:	DATE :	DRAW NO. NA
Richard Hsieh	2021/01/06	SHEET NO. 1 OF 1