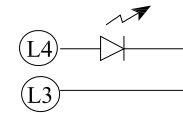
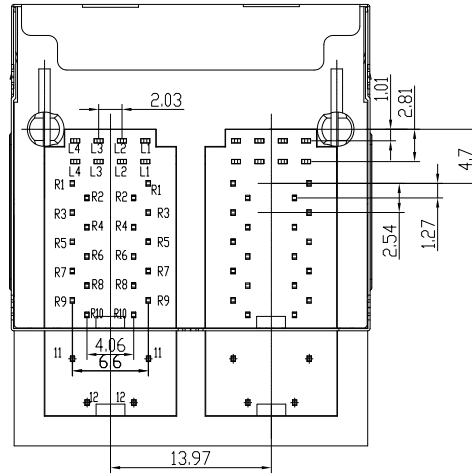
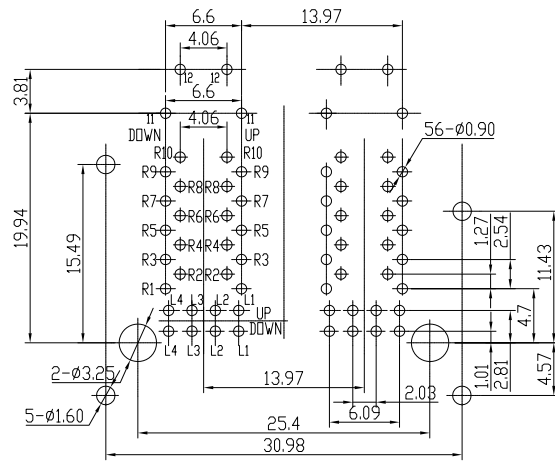


GP Component

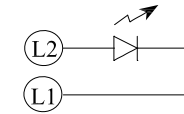
REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
AO			Initial	2017/11/30	Summer Wang

1. MACHENICAL:



GREEN

LEFT LED



YELLOW

RIGHT LED

NOTES:

1. MATERIAL:

HOUSING: PBT+30%GF UL94V-0

Contact : Phosphor Bronze(C5191),
Gold plated ocontent area 6u”

SHIELD : Copper alloy with Nickel plated(C2680),

2. CAVITY CONFIRMS TO FCC RULES AND REGULATIONS

PART 68,SUBPART F.

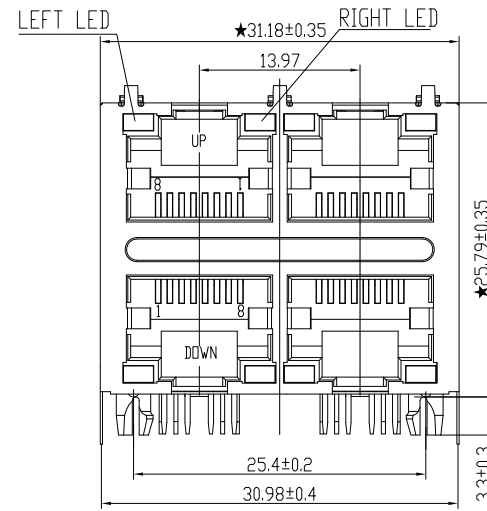
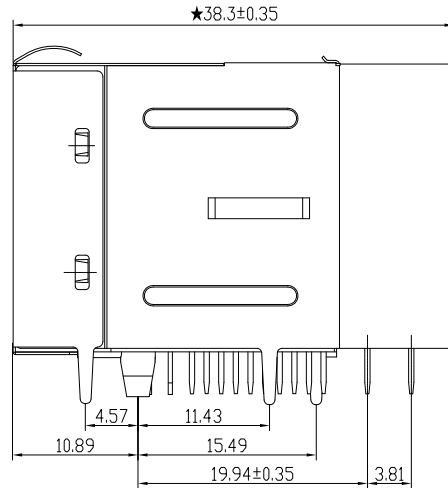
噴印:

MATRIX

MRJG-22T768TRS

YYWW

PCB BOARD
LAYOUT



MATRIX PART NO:

M R J G - 2 2 T 7 6 8 T R S

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

RS : ROHS


HF : Halogen Free

Industrial temperature

Series Number

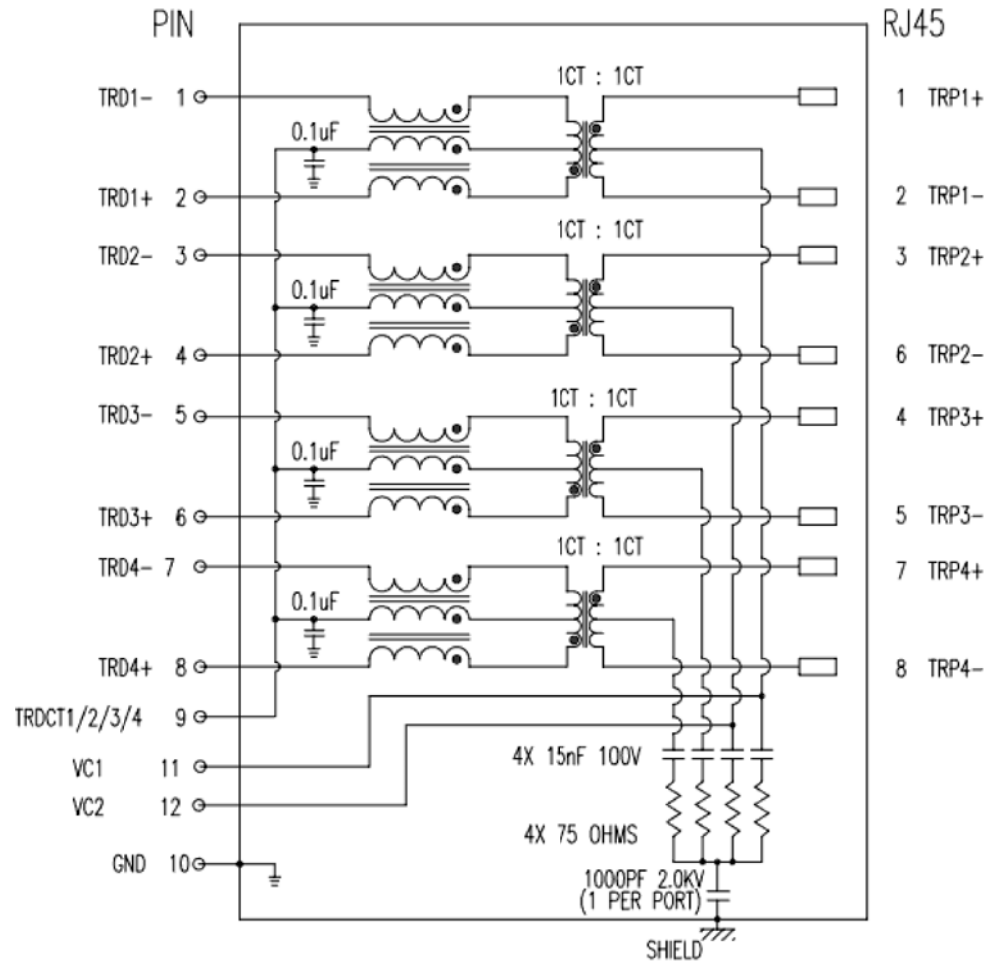
S : SMD

T : THT

NO	VARIETY	QTY	MATERIAL	REMARK
 Matrix Electronics Co.,Ltd				
TOLERANCE: X.X ±0.38 X.XX ±0.25 X.XXX ±0.13 ANGLE: ±3°		DESIGN BY : Summer Wang	DATE : 2017/11/30	PART NAME: RJ45 2x2 Connector W/SHELL W/O LED DIP TYPE
		CHECKED BY: Vicky Hsieh	DATE : 2017/11/30	PART NO. MRJG-22T768RS
		APPROVED BY1: Richard Hsieh	DATE : 2017/11/30	MOLD NO. NA
		APPROVED BY2: Richard Hsieh	DATE : 2017/11/30	DRAW NO. SHEET NO. 1 OF 2

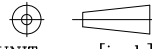
REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
AO			Initial	2017/11/30	Summer Wang

2. SCHEMATIC:



3. ELECTRICAL

- 1). TR:(100KHz,0.1V); 100%
 PINS:(P1,P2):(J1,J2)=1:1±3%;(P3,P4):(J3,J6)=1:1±3%
 PINS:(P5,P6):(J4,J5)=1:1±3%;(P7,P8):(J7,J8)=1:1±3%
- 2). LX:(100KHz,100mV,8mA, DC Bias) 100%
 PINS:(P1,P2),(P3,P4)=350uH MINIMUM
 PINS:(P5,P6),(P7,P8)=350uH MINIMUM
- 3). DCR: 100%
 PINS:(J1,J2),(J3,J6)=1.2 Ω MAXIMUM
 PINS:(J4,J5),(J7,J8)=1.2 Ω MAXIMUM
- 4). HIPOT: 100%
 PINS(P1,P2)TO(J1,J2),(P3,P4)TO(J3,J6)=1500VAC 60S
 PINS(P5,P6)TO(J4,J5),(P7,P8)TO(J7,J8)=1500VAC 60S
- 5). INSERTION LOSS:
 -1.0dB MAXIMUM AT 1MHz TO 100MHz;
- 6). RETURN LOSS:
 -18dB MINIMUM AT 1MHz TO 30MHz;
 -12dB MINIMUM AT 60MHz TO 80MHz
 -10dB MINIMUM AT 80MHz TO 100MHz
- 7). CROSS TALK:
 -30dB MINIMUM AT 1MHz TO 100MHz
- 8). COMMON TO COMMON MODE REJECTION:
 -30dB MINIMUM AT 1MHz TO 100MHz
 -20dB MINIMUM AT 150MHz
- 9) Operating Temperature : -40°C TO 85°C
- 10) Storage Temperature : -40°C TO 85°C

NO	VARIETY	QTY	MATERIAL	REMARK
 Matrix Electronics Co.,Ltd				
TOLERANCE: X.X ±0.38 X.XX ±0.25 X.XXX ±0.13 ANGLE: ±3°		DESIGN BY : Summer Wang	DATE : 2017/11/30	PART NAME: RJ45 2x2 Connector W/SHELL W/O LED DIP TYPE
 UNIT: mm [inch]		CHECKED BY: Vicky Hsieh	DATE : 2017/11/30	PART NO. MRJG-22T768RS
SCALE:1:1 SIZE:A4		APPROVED BY1: Richard Hsieh	DATE : 2017/11/30	MOLD NO. NA
		APPROVED BY2: Richard Hsieh	DATE : 2017/11/30	DRAW NO. SHEET NO. 2 OF 2