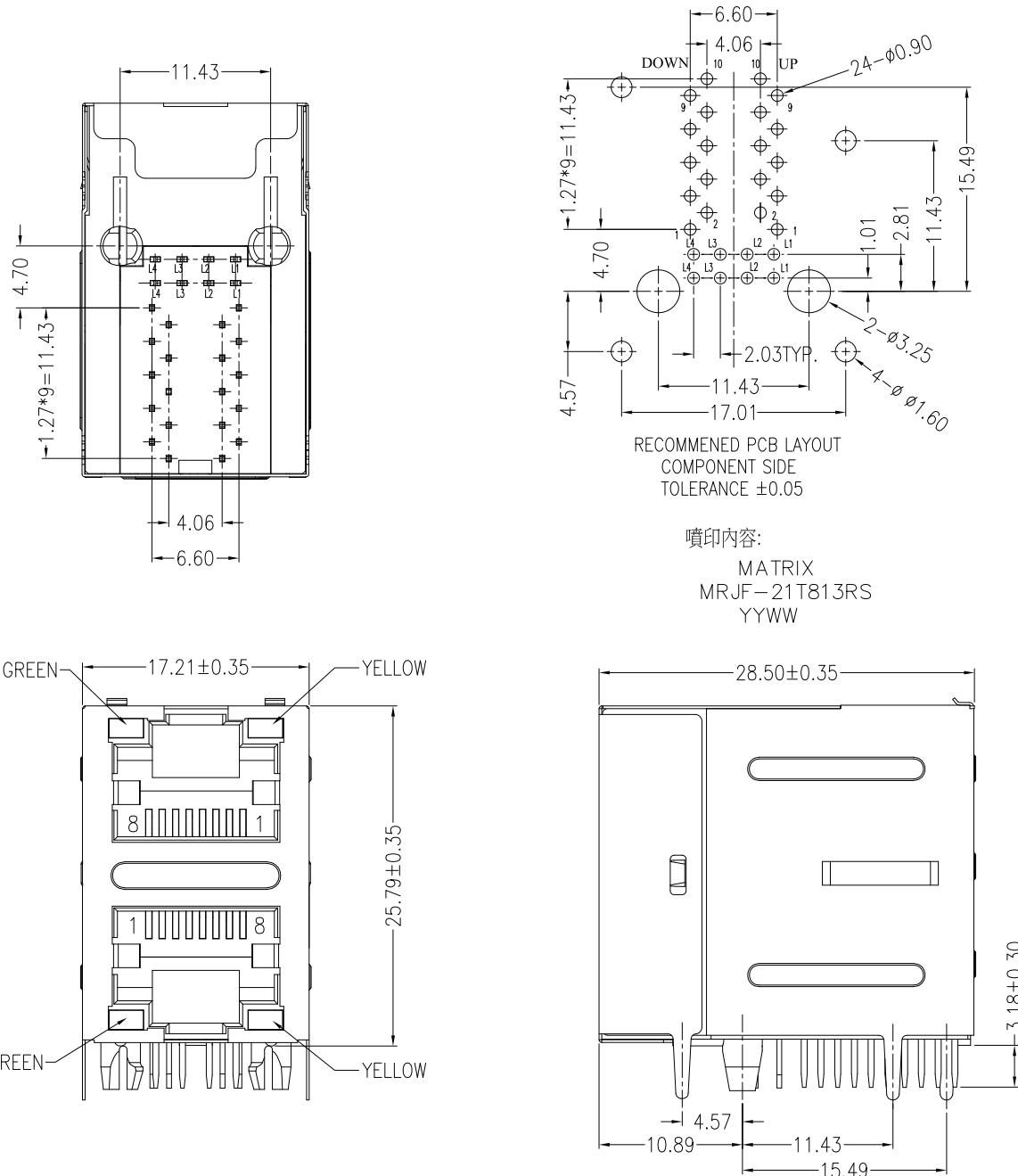


GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
AO			Initial	2018/02/23	Phebe Su
A1			Change PBT to PA66	2018/04/03	Phebe Su

1. MECHANICAL DIMENSIONS :

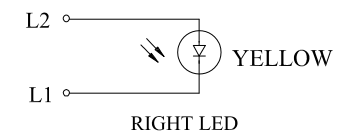
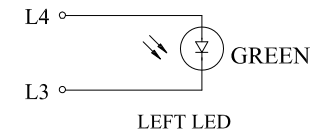


噴印內容:

MATRIX
MRJF-21T813RS
YYWW

NOTES:

- 1.MATERIAL:
HOUSING: PA66 BLACK UL94V-0
CONTACTS:PHOSPHOR BRONZE
GOLD FLASH ON CONTACT AREA, TIN PLATING ON SOLDER TAIL
SHIELD : COPPER ALLOY
NICKEL PLATING OVERALL
2. CAVITY CONFIRMS TO FCC RULES AND REGULATIONS
PART 68,SUBPART F.
3. OPERATING TEMPERATURE:0°C TO 70°C



ORDER INFORMATION :

MRJF-21T813RS

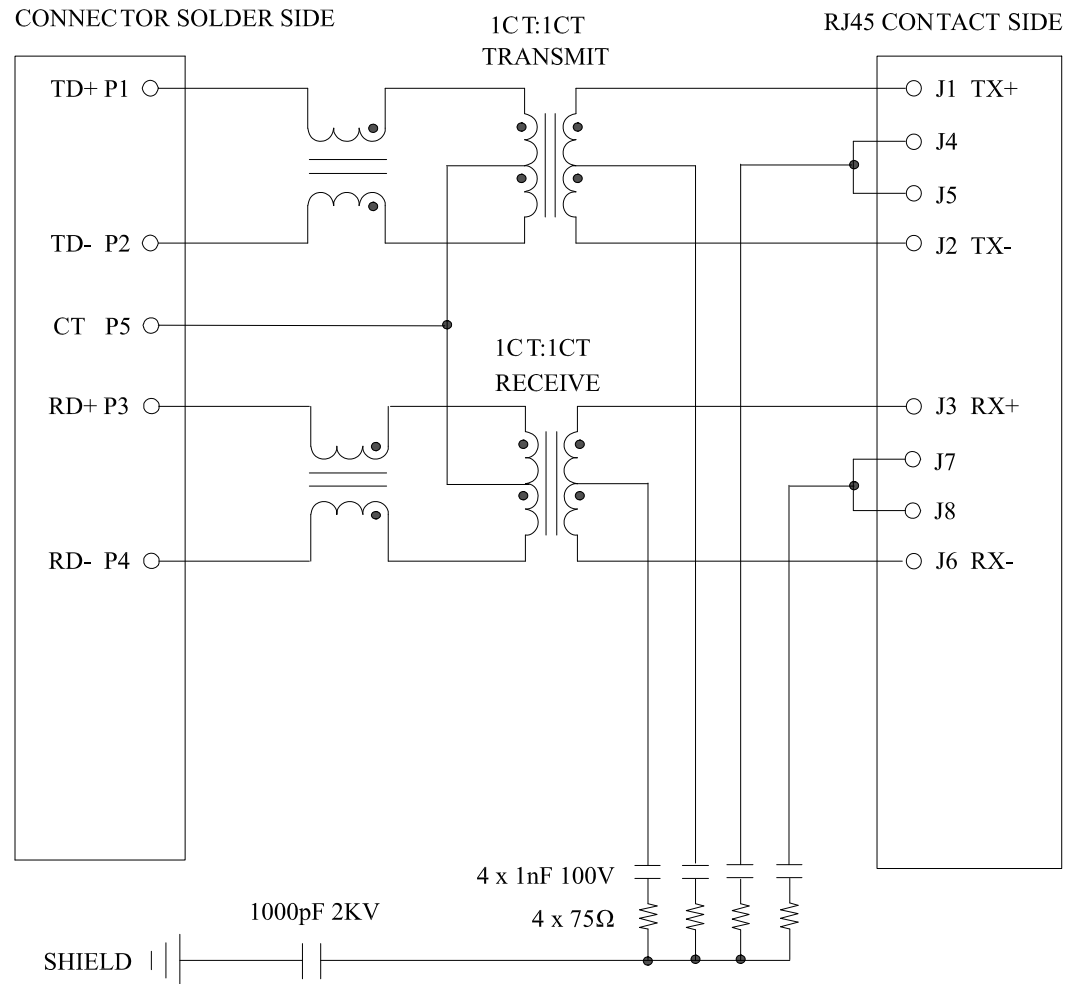
Matrix-RJ45
F : 10/100
G : 10/100/1000
N : Pure Connector
RS : ROHS
HF : Halogen Free
Series Number
S : SMD
T : THT
11:1X1 ; 21:2X1
12:1X2 ; 22:2X2
14:1X4 ; 24:2X4
16:1X6 ; 26:2X6
18:1X8 ; 28:2X8
1U:RJ+USB

NO	VARIETY	QTY	MATERIAL	REMARK
Matrix Electronics Co.,Ltd				
TOLERANCE: X:X X:XX X:XXX ANGLE: ±3°		DESIGN BY : Phebe Su	DATE : 2018/04/03	PART NAME: RJ45 2X1 10/100
UNIT: mm [inch]		CHECKED BY: Vicky Hsieh	DATE : 2018/04/03	PART NO. MRJF-21T813RS
SCALE:1:1 SIZE:A4		APPROVED BY1: Richard Hsieh	DATE : 2018/04/03	MOLD NO. NA
		APPROVED BY2: Richard Hsieh	DATE : 2018/04/03	DRAW NO. SHEET NO.
				1 OF 2

GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2018/02/23	Phebe Su
A1			Change PBT to PA66	2018/04/03	Phebe Su

2. SCHEMATIC :



3. ELECTRICAL CHARACTERISTICS :

TEST NOTES:(25°±5°C)

- TR:(100KHz,0.1V); 100%
PINS:(P1,P2):(J1,J2)=1:1±3%;(P3,P4):(J3,J6)=1:1±3%
- LX:(100KHz,100mV,8mA, DC Bias) 100%
PINS:(J1,J2)=350uH MINIMUM
PINS:(J3,J6)=350uH MINIMUM
- DCR: 100%
PINS:(P1,P2),(P3,P4)=1.2Ω MAXIMUM
- HIPOT: 100%
PINS(P1,P2)TO(J1,J2),(P3,P4)TO(J3,J6)=1500VAC
FOR 60 SECONDS
- INSERTION LOSS:
-1.0dB MAXIMUM AT 1MHz TO 100MHz;
- RETURN LOSS:
-18dB MINIMUM AT 1MHz TO 30MHz;
-12dB MINIMUM AT 60MHz TO 80MHz
-10dB MINIMUM AT 80MHz TO 100MHz
- CROSS TALK:
-30dB MINIMUM AT 1MHz TO 100MHz
- COMMON TO COMMON MODE REJECTION:
-30dB MINIMUM AT 1MHz TO 100MHz

NO	VARIETY	QTY	METERIAL	REMARK
 Matrix Electronics Co.,Ltd				
TOLERANCE: X:X ±0.38 X:XX ±0.25 X:XXX ±0.13 ANGLE: ±3°		DESIGN BY : Phebe Su	DATE : 2018/04/03	PART NAME: RJ45 2X1 10/100
CHECKED BY: Vicky Hsieh		DATE : 2018/04/03	PART NO.	MRJF-21T813RS
APPROVED BY1: Richard Hsieh		DATE : 2018/04/03	MOLD NO.	NA
APPROVED BY2: Richard Hsieh		DATE : 2018/04/03	DRAW NO.	
SCALE:1:1 SIZE:A4			SHEET NO.	2 OF 2