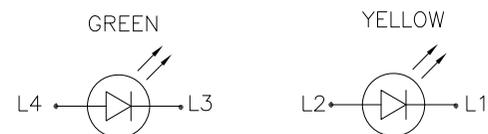
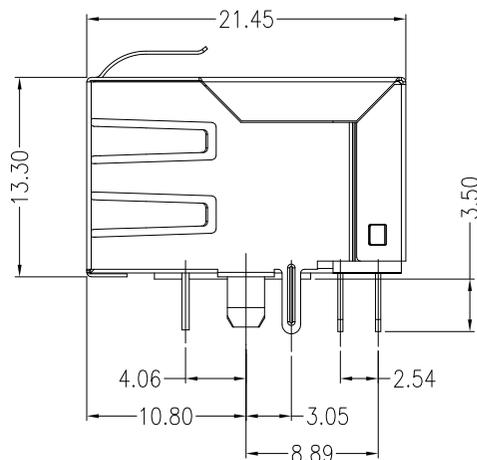
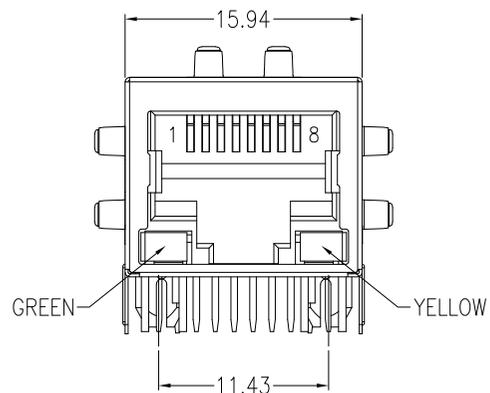


GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2019/04/27	Hanson
A1			Change Layout dimension	2020/04/29	Hanson
A2			Change dimension	2020/06/05	Ginny Liao



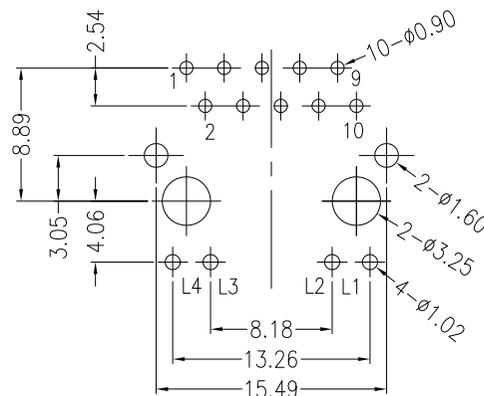
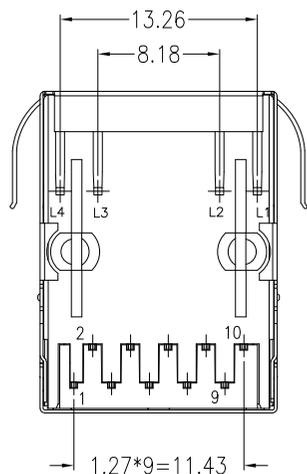
LED CONFIGURATION

NOTES:

- MATERIALS:**
 HOUSING: PBT, UL94V-0, BLACK
 CONTACTS: PHOSPHOR BRONZE T=0.30
 GOLD 30u" ON CONTACT AREA
 80u" TIN ON SOLDER TAIL
 SHELL: COPPER ALLOY T=0.20
 NICKEL PLATING OVERALL
- OPERATING TEMPERATURE:** -40°C ~ +85°C
- JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68, SUBPART F**

ORDER INFORMATION :

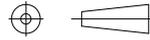
M R J F - 1 1 T 1176 T R S
 Matrix-RJ45
 F: 10/100
 G: 10/100/1000
 N: Pure Connector
 RS: ROHS
 HF: Halogen Free
 Industrial Temperature
 Series Number
 11:1X1 ; 21:2X1
 12:1X2 ; 22:2X2
 14:1X4 ; 24:2X4
 16:1X6 ; 26:2X6
 18:1X8 ; 28:2X8
 1U:RJ+USB
 S: SMD
 T: THT



RECOMMEND PCB LAYOUT
 (TOP VIEW)
 DIMENSIONAL TOLERANCE: ±0.05



Matrix Electronics Co.,Ltd

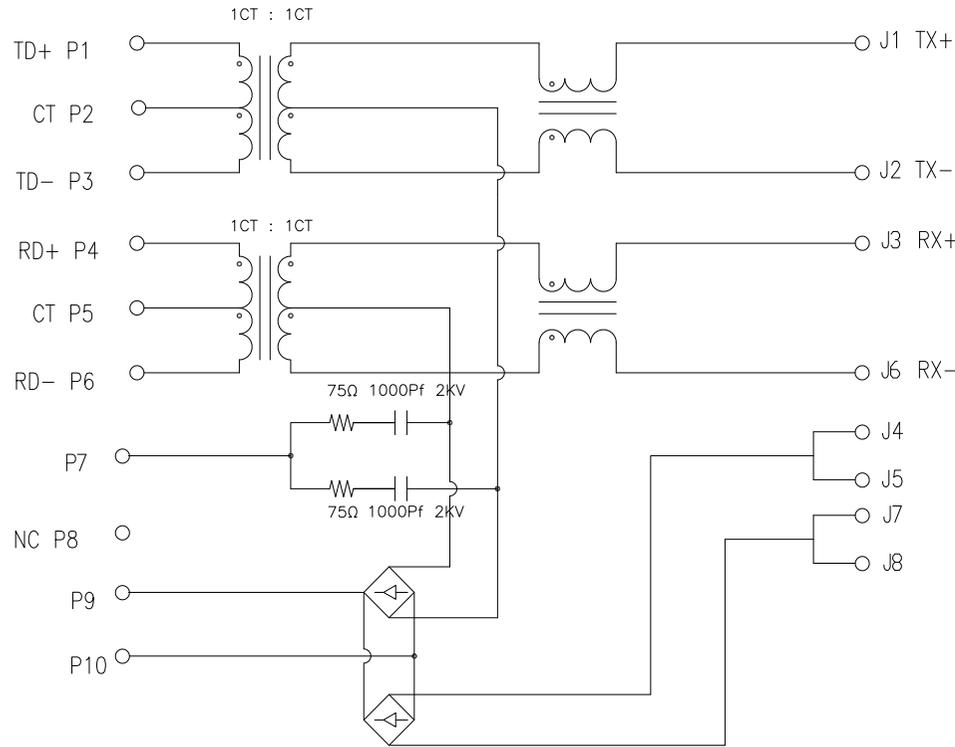
TOLERANCE: X.X ±0.38 X.XX ±0.25 X.XXX ±0.13 ANGLE: ±3°	DESIGN BY : Ginny Liao	DATE : 2020/06/05	PART NAME: 1X1 TAB DOWN RJ45 MAGJACK W/SHELL&LED DIP TYPE(10/100)
	CHECKED BY: Janice Liu	DATE : 2020/06/05	PART NO. MRJF-11T1176TRS
 UNIT: mm [inch] SCALE:1:1 SIZE:A4	APPROVED BY1: Richard Hsieh	DATE : 2020/06/05	MOLD NO. NA
	APPROVED BY2: Richard Hsieh	DATE : 2020/06/05	DRAW NO. SHEET NO. 2 OF 2

GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2019/04/27	Hanson
A1			Change Layout dimension	2020/04/29	Hanson
A2			Change dimension	2020/06/05	Ginny Liao

CONNECTOR SOLDER SIDE

RJ45 CONTACT SIDE



ELECTRICAL CHARACTERISTICS(25±5°C)

- TR:(100KHz,0.1V);
PINS:(P1,P3):(J1,J2)=1:1±3%:(P4,P6):(J3,J6)=1:1±3%
- LX:(100KHz,100mV,8mA, DC Bias)
PINS:(P1,P3),(P4,P6)=350uH MINIMUM
- DCR:
PINS:(J1,J2),(J3,J6)=1.2 Ω MAXIMUM
- HIPOT:
PINS(P1,P3)TO(J1,J2),(P4,P6)TO(J3,J6)=1500VAC FOR 60 SECONDS
- INSERTION LOSS:
-1.0dB MAXIMUM AT 1MHz TO 100MHz;
- RETURN LOSS:
-18dB MINIMUM AT 1MHz TO 30MHz;
-16dB MINIMUM AT 30MHz TO 60MHz
-12dB MINIMUM AT 60MHz TO 80MHz
- CROSS TALK:
-30dB MINIMUM AT 1MHz TO 100MHz
- COMMON TO COMMON MODE REJECTION:
-30dB MINIMUM AT 1MHz TO 100MHz

Printing:
MATRIX
MRJF-11T1176TRS
YYWW



Matrix Electronics Co.,Ltd

TOLERANCE: X.X ±0.38 X.XX ±0.25 X.XXX ±0.13 ANGLE: ±3°	DESIGN BY :	DATE :	PART NAME:	
	Ginny Liao	2020/06/05	1X1 TAB DOWN RJ45 MAGJACK W/SHELL&LED DIP TYPE(10/100)	
	CHECKED BY:	DATE :	PART NO.	MRJF-11T1176TRS
	Janice Liu	2020/06/05	MOLD NO.	NA
	APPROVED BY1:	DATE :	DRAW NO.	
	Richard Hsieh	2020/06/05	SHEET NO.	2 OF 2
UNIT: mm [inch]	APPROVED BY2:	DATE :		
SCALE:1:1 SIZE:A4	Richard Hsieh	2020/06/05		