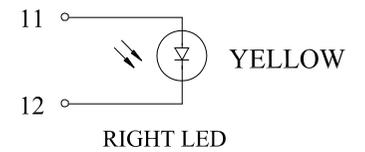
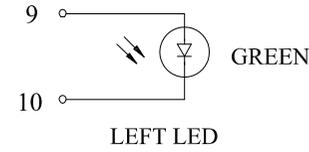
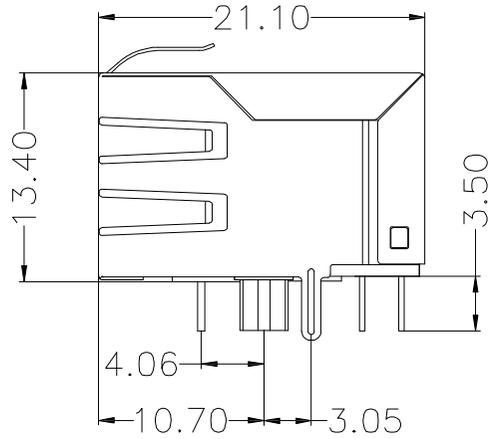
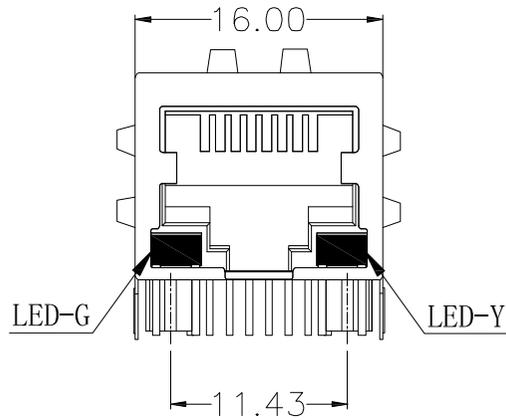


GP Component

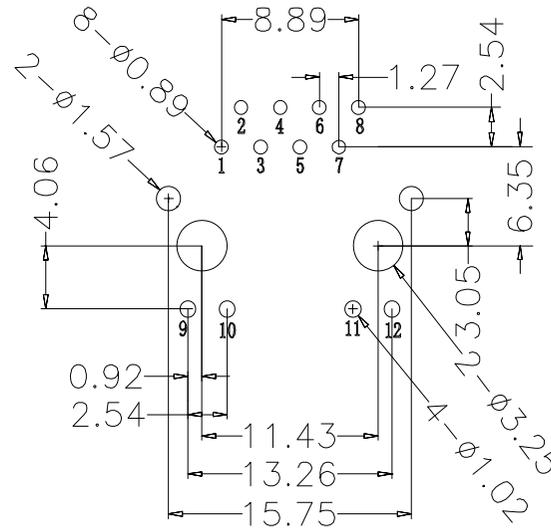
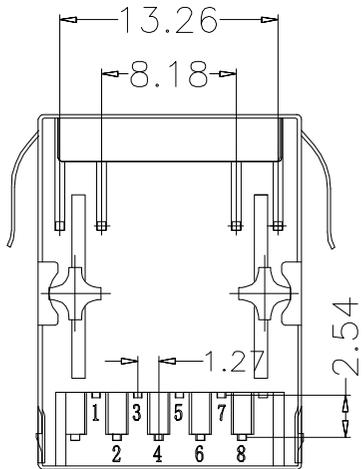
REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2019/04/09	Hanson



LED Specifications:

Standard LED Color	LED Wavelength	Forward (V Max)	Typical (V TYP)
Green	560-580 nm	2.5	2.1~2.2
Yellow	580-610 nm	2.5	2.1~2.2

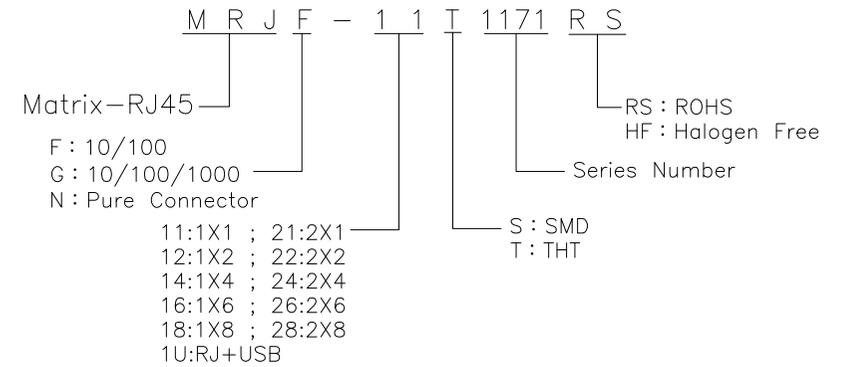
- LED intensity/wavelength measured with Photo research PR-650 colorimeter
- With a forward Current of 20mA, absolute maximum ratings (Ta=25°)



SUGGESTED PCB LA YOUT (TOP VIEW)

DIMENSIONAL TOLERANCE: .XX ±0.05[0.001]

ORDER INFORMATION :

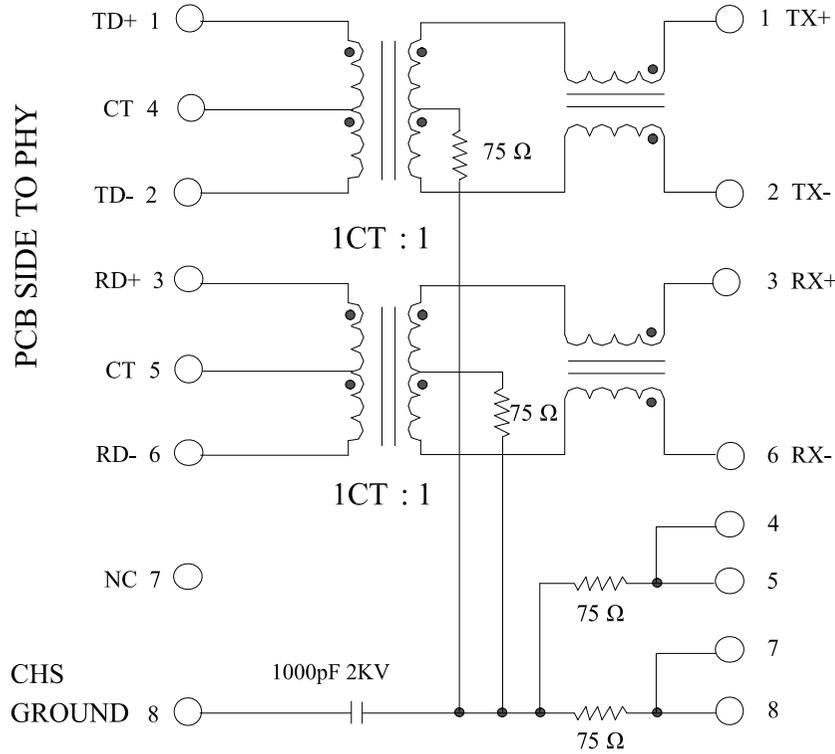


Matrix Electronics Co.,Ltd

TOLERANCE: X.X ±0.38 X.XX ±0.25 X.XXX ±0.15 ANGLE: ±3°	DESIGN BY : Hanson Huang	DATE : 2019/04/09	PART NAME: RJ45,CONNECTORS,W/LED, SHIELDED 10/100,FILTER	
	CHECKED BY: Janice Liu	DATE : 2019/04/09	PART NO.	MRJF-11T1171RS
 UNIT: mm [inch]	APPROVED BY1: Richard Hsieh	DATE : 2019/04/09	MOLD NO.	NA
	SCALE:1:1 SIZE:A4	APPROVED BY2: Richard Hsieh	DATE : 2019/04/09	DRAW NO. SHEET NO.

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
AO			Initial	2019/04/09	Hanson

SCHEMATIC



Feature:

- . Complies with IEEE standards and all 10/100 Ethernet specifications including 350uH with 8mA DC bias
- . Intergrated Mag-modular design provides higher reliability and conserves minimizing PCB space
- . Housing: Thermoplastic PBT+30%GF UL94V0 rated
- . Contact :Phosphor Bronze C5191, Gold plated on contact area 30u" .
- . Input Terminal : Brass ,Thickness=0.35mm
- . Metal shielding: Copper alloy with Nickel plated(C2680),
- . Different color of LEDs option available
- . Operating temperature:0 °C to +70°C
- . Storage temperature: -40 °C to +85°C
- . Lead-free process,compliant RoHS

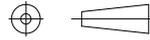
Electrical Specifications: (25°C)

Insertion Loss dB Max	Return Loss dB Min			Common Mode Rejection dB TYP		Crosstalk dB TYP	Hi-Pot (vrms)
	1~30MHz	60~80MHz	80~100MHz	1~100MHz	150MHz		
-1.0	-18.0	-12.0	-10.0	-30.0	-20.0	-30.0	1500

Printing:
MATRIX
MRJF-11T1171RS
YYWW



Matrix Electronics Co.,Ltd

TOLERANCE: X.X ±0.38 X.XX ±0.25 X.XXX ±0.15 ANGLE: ±3°	DESIGN BY :	DATE :	PART NAME:	
	Hanson Huang	2019/04/09	RJ45 CONNECTORS,W/LED, SHIELDED 10/100,FILTER	
 UNIT: mm [inch]	CHECKED BY:	DATE :	PART NO.	MRJF-11T1171RS
	Janice Liu	2019/04/09	MOLD NO.	NA
SCALE:1:1 SIZE:A4	APPROVED BY1:	DATE :	DRAW NO.	
	Richard Hsieh	2019/04/09	SHEET NO.	2 OF 2
	APPROVED BY2:	DATE :		
	Richard Hsieh	2019/04/09		