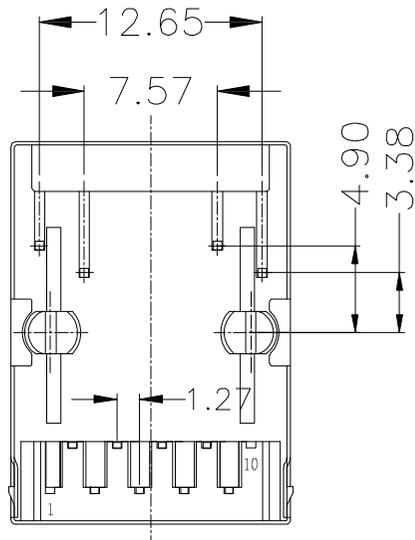
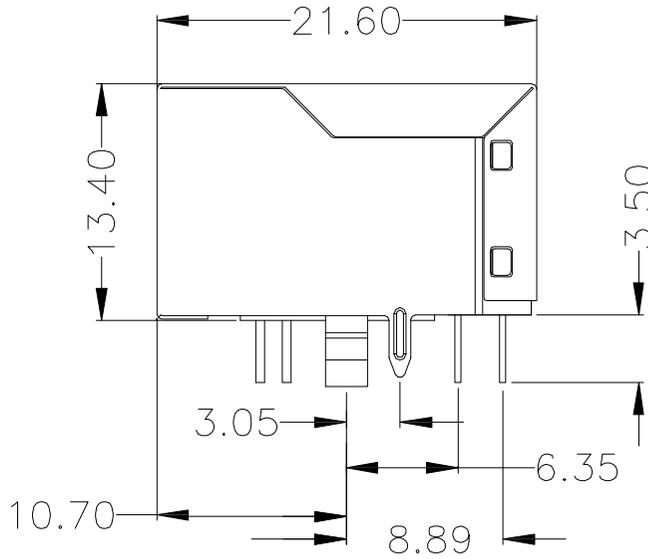
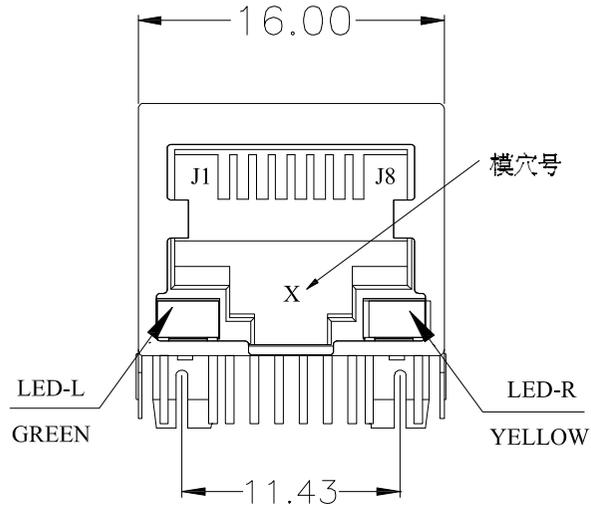


GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2019/05/21	Hanson
A1			更改 Led 腳位	2020/10/15	Hanson

1. MECHANICAL DIMENSIONS :



NOTES:

- . Housing: Thermoplastic PBT UL94V-0 rated
- . Contact : Phosphor Bronze(C5191),Gold plated on content area Fu"
- . Input Terminal : Brass(C2680)
- . 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

ORDER INFORMATION :

Matrix-RJ45 M R J G -11 T 1185 RS
 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
 Series Number
 S: SMD
 T: THT

Printing:
 MATRIX
 MRJG-11T1185RS
 YYWW



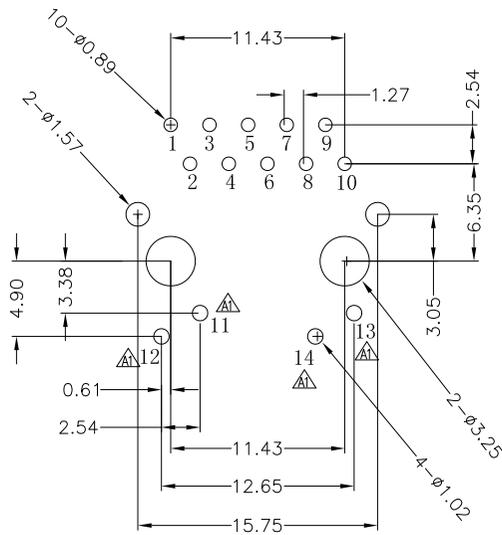
Matrix Electronics Co., Ltd

TOLERANCE: X.X ±0.38 X.XX ±0.25 X.XXX ±0.13 ANGLE: ±3°	DESIGN BY : Hanson Huang	DATE : 2020/10/15	PART NAME: RJ45, CONNECTORS, W/LED 10/100/1000Mbps, FILTER
	CHECKED BY: Vicky Hsieh	DATE : 2020/10/15	PART NO. MRJG-11T1185RS
 UNIT: mm [inch] SCALE:1:1 SIZE:A4	APPROVED BY1: Richard Hsieh	DATE : 2020/10/15	MOLD NO. NA
	APPROVED BY2: Richard Hsieh	DATE : 2020/10/15	DRAW NO. SHEET NO. 1 OF 4

GP Component

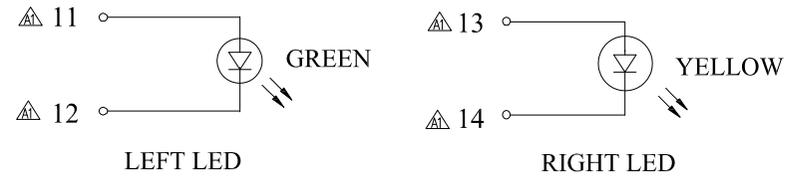
REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2019/05/21	Hanson
A1			更改 Led 腳位	2020/10/15	Hanson

2. PCB LAYOUT :



SUGGESTED PCB LAYOUT (TOP VIEW)
DIMENSIONAL TOLERANCE: .XX ±0.05

3. LED CONFIGURATION :



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 colormeter
- With a forward Current of 20mA, absolute maximum ratings (Ta=25°)

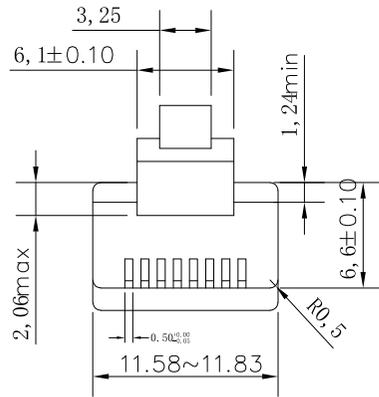


Matrix Electronics Co., Ltd

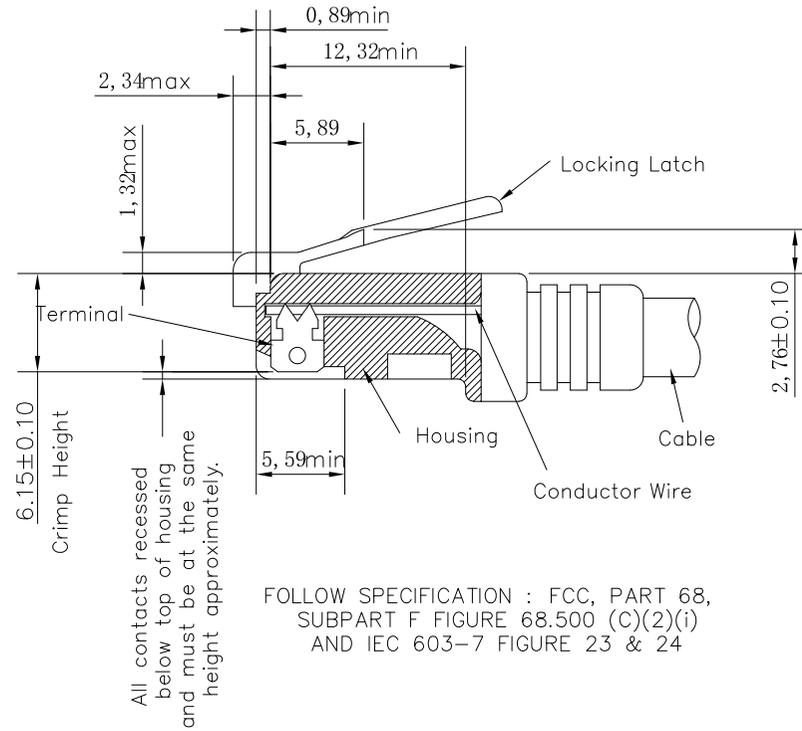
TOLERANCE: X: X ±0.38 X: XX ±0.25 X: XXX ±0.13 ANGLE: ±3°	DESIGN BY : Hanson Huang	DATE : 2020/10/15	PART NAME: RJ45, CONNECTORS, W/LED 10/100/1000Mbps, FILTER	
	CHECKED BY: Vicky Hsieh	DATE : 2020/10/15	PART NO.	MRJG-11T1185RS
 UNIT: mm [inch]	APPROVED BY1: Richard Hsieh	DATE : 2020/10/15	MOLD NO.	NA
	SCALE:1:1 SIZE:A4	APPROVED BY2: Richard Hsieh	DATE : 2020/10/15	DRAW NO. SHEET NO. 2 OF 4

GP Component

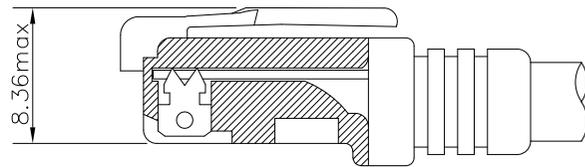
REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2019/05/21	Hanson
A1			更改 Led 腳位	2020/10/15	Hanson



- * There must be no damage to housing or locking latch. There must be no nicks or cuts in cable.
- * Durability : 750 cycles generally



STANDARD MODULAR PLUG ASSEMBLY



FOLLOW SPECIFICATION : FCC, PART 68, SUBPART F FIGURE 68.500 (C)(2)(ii)

		Matrix Electronics Co., Ltd			
TOLERANCE:		DESIGN BY :	DATE :	PART NAME:	
X		Hanson Huang	2020/10/15	RJ45, CONNECTORS, W/LED	
X:X	±0.38	CHECKED BY:	DATE :	PART NO.	MRJG-11T1185RS
X:XX	±0.25				
X:XXX	±0.13	Sam Kuo	2020/10/15	MOLD NO.	NA
ANGLE:	±3°	APPROVED BY1:	DATE :	DRAW NO.	
		Richard Hsieh	2020/10/15	SHEET NO.	4 OF 4
UNIT: mm [inch]		APPROVED BY2:	DATE :		
SCALE: 1:1	SIZE: A4	Richard Hsieh	2020/10/15		