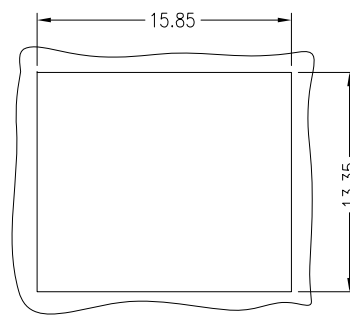
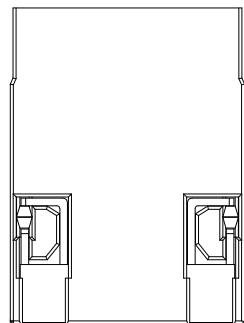
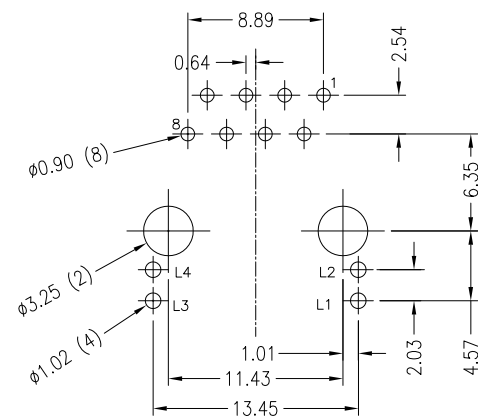
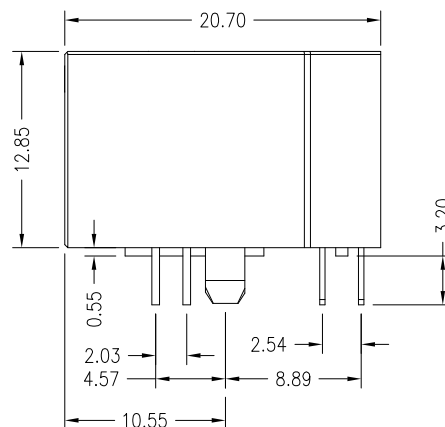
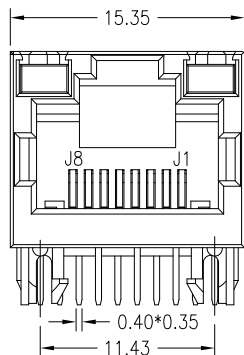


GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
AO			Initial	2017/03/16	Phebe Su

1. MECHANICAL DIMENSIONS:

RECOMMENDED
PANEL CUTOUT DIMENSIONSUGGESTED PCB LAYOUT
DIMENSIONAL TOLERANCE: .XX ±0.05[0.002]

NOTES:

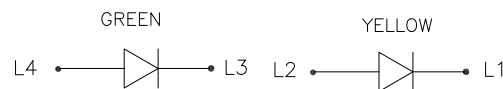
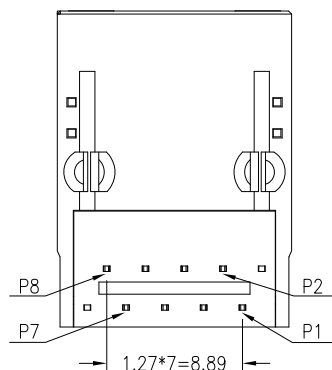
1. MATERIALS:

HOUSING -PBT POLYESTER UL94V-0
MIXED GLASS FIBER.
STANDARD COLOR-BLACK.

CONTACTS -0.35mm THICK PHOS-BRONZE PLATED
WITH G/F GOLD AND TIN
IN SOLDER AREA.

SHIELD-0.2mm THICK COPPER ALLOY,
PLATED WITH NICKEL.

2. CAVITY CONFIRMS TO FCC RULES AND REGULATIONS
PART 68,SUBPART F.



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 : 2017/03/16	PART NAME: RJ45,CONNECTORS,W/LED THRU,HOLE 100MBPS,FILTER
UNIT: mm [inch]		CHECKED BY: Vicky Hsieh	DATE : 2017/03/16	PART NO. MRJF-11T627TRS
SCALE:1:1 SIZE:A4		APPROVED BY1: Richard Hsieh	DATE : 2017/03/16	MOLD NO. NA
		APPROVED BY2: Richard Hsieh	DATE : 2017/03/16	DRAW NO.
				SHEET NO. 1 OF 3

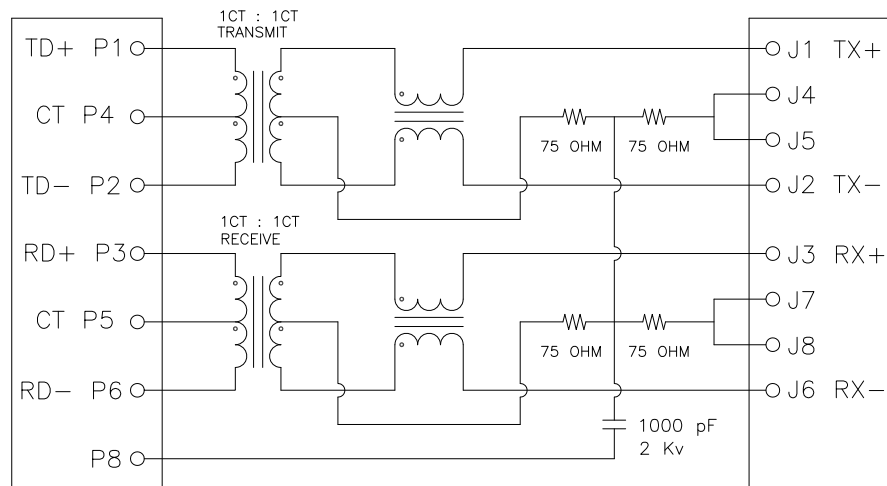
GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
AO			Initial	2017/03/16	Phebe Su

2. SCHEMATIC:

CONNECTOR SOLDER SIDE

RJ45 CONTACT SIDE



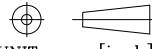
ORDER INFORMATION :

M R J F - 1 1 T 627 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
 S: SMD
 T: THT
 RS: ROHS
 HF: Halogen Free
 Industrial Temperature
 Series Number

3. ELECTRICAL CHARACTERISTICS:

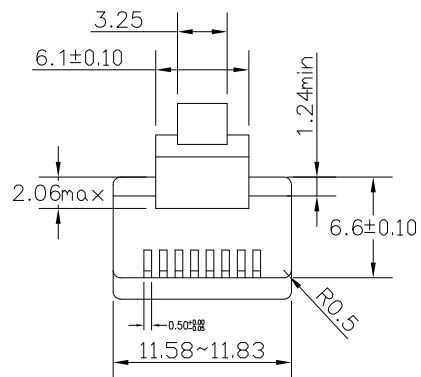
TEST NOTES:(25°±5°C)

- TR:(100KHz,0.1V); 100%
PINS:(P1,P2):(J1,J2)=1:1±3%;(P3,P6):(J3,J6)=1:1±3%
- LX:(100KHz,100mV,8mA, DC Bias) 100%
PINS:(P1,P2)(P3,P6)=350uH MINIMUM
- DCR: 100%
PINS:(J1,J2),(J3,J6)=1.2 Ω MAXIMUM
- HIPOT: 100%
PINS(P1,P2)TO(J1,J2),(P3,P6)TO(J3,J6)=1500VAC FOR 2 SECONDS
- INSERTION LOSS:
-1.0dB MAXIMUM AT 1MHz TO 100MHz;
- RETURN LOSS:
-20dB MINIMUM AT 1MHz TO 30MHz;
-15dB MINIMUM AT 30MHz TO 60MHz
-10dB MINIMUM AT 60MHz TO 80MHz
- CROSS TALK:
-30dB MINIMUM AT 1MHz TO 100MHz
- COMMON TO COMMON MODE REJECTION:
-30dB MINIMUM AT 1MHz TO 100MHz
- Operating Temperature : -40°C TO 85°C
- Storage Temperature : 0°C TO 70°C

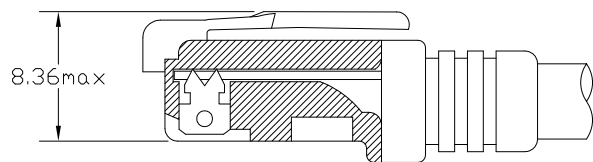
NO	VARIETY	QTY	METERIAL	REMARK
 Matrix Electronics Co.,Ltd				
TOLERANCE: X:X ±0.38 X:XX ±0.25 X:XXX ±0.13 ANGLE: ±3°		DESIGN BY : Phebe Su	DATE : 2017/03/16	PART NAME: RJ45,CONNECTORS,W/LED THRU,HOLE 100MBPS,FILTER
 UNIT: mm [inch] SCALE:1:1 SIZE:A4		CHECKED BY: Vicky Hsieh	DATE : 2017/03/16	PART NO. MRJF-11T627TRS
APPROVED BY1: Richard Hsieh		DATE : 2017/03/16	MOLD NO. NA	SHEET NO. 2 OF 3
APPROVED BY2: Richard Hsieh		DATE : 2017/03/16	DRAW NO.	

GP Component

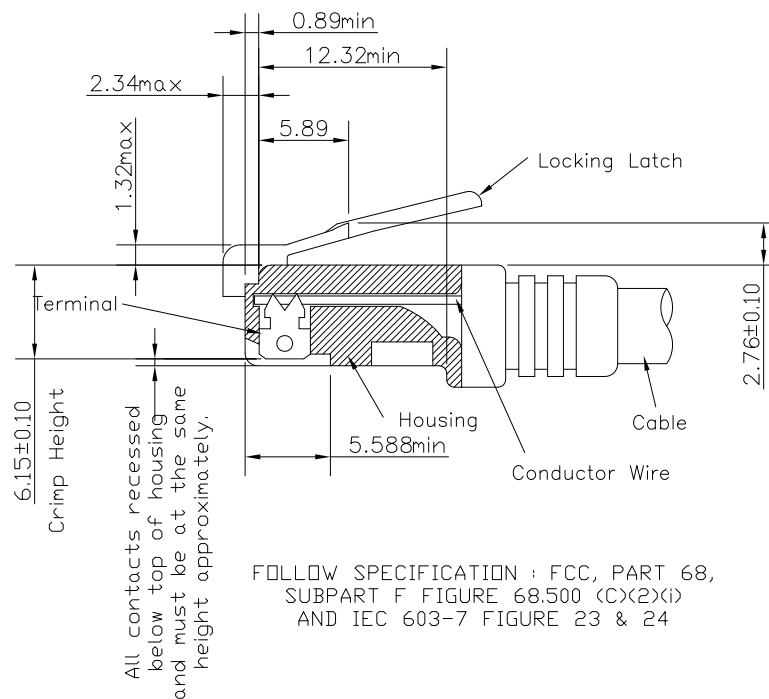
REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2017/03/16	Phebe Su



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



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



FOLLOW SPECIFICATION : FCC, PART 68,
SUBPART F FIGURE 68.500 (C)(2)(i)
AND IEC 603-7 FIGURE 23 & 24

STANDARD MODULAR PLUG ASSEMBLY

NO	VARIETY	QTY	METERIAL	REMARK
 Matrix Electronics Co.,Ltd				
TOLERANCE: X:X X:XX ±0.38 X:XXX ±0.25 X:XXX ±0.13 ANGLE: ±3°		DESIGN BY : Phebe Su	DATE : 2017/03/16	PART NAME: RJ45,CONNECTORS,W/LED THRU,HOLE 100MBPS,FILTER
UNIT: mm [inch]		CHECKED BY: Vicky Hsieh	DATE : 2017/03/16	PART NO. MRJF-11T627TRS
SCALE:1:1 SIZE:A4		APPROVED BY1: Richard Hsieh	DATE : 2017/03/16	MOLD NO. NA
		APPROVED BY2: Richard Hsieh	DATE : 2017/03/16	DRAW NO.
				SHEET NO. 3 OF 3