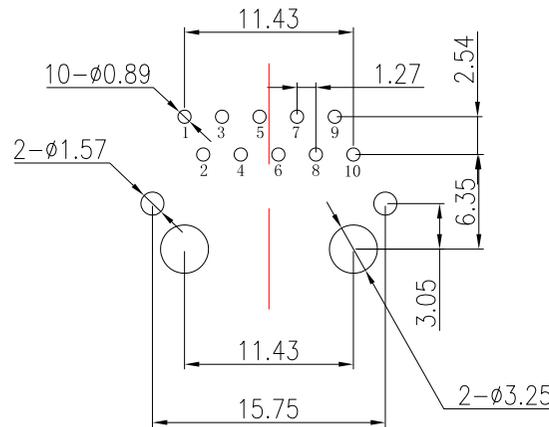
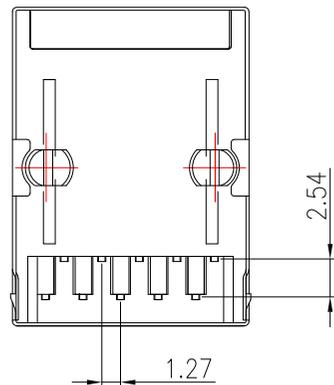
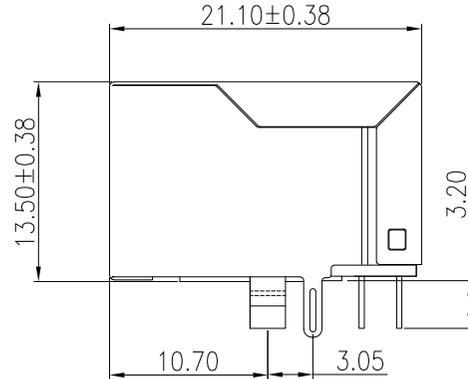
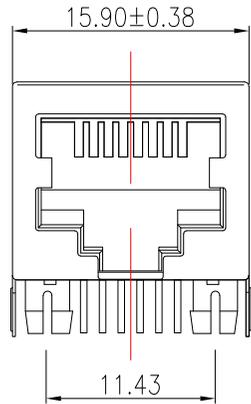


GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2020/05/25	Hanson

1. MECHANICAL DIMENSIONS:



Printing:

MATRIX
MRJF-11T1286RS
YYWW

1. Material:

- 1.1 Housing: PA46 UL94V-0 Black.
- 1.2 Contact :Phosphor Bronze(C5210),G/F plated on contact area.
- 1.3 Input Terminal : Brass(C2680).
- 1.4 Metal shielding:Copper alloy with Nickel plated(C2680).

2.Environmental requirements:

- 2.1 Lead-free process,compliant RoHS.

MATRIX PART NO:

MRJF-11T1286RS

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
RS : ROHS
HF : Halogen Free
Series Number
S : SMD
T : THT



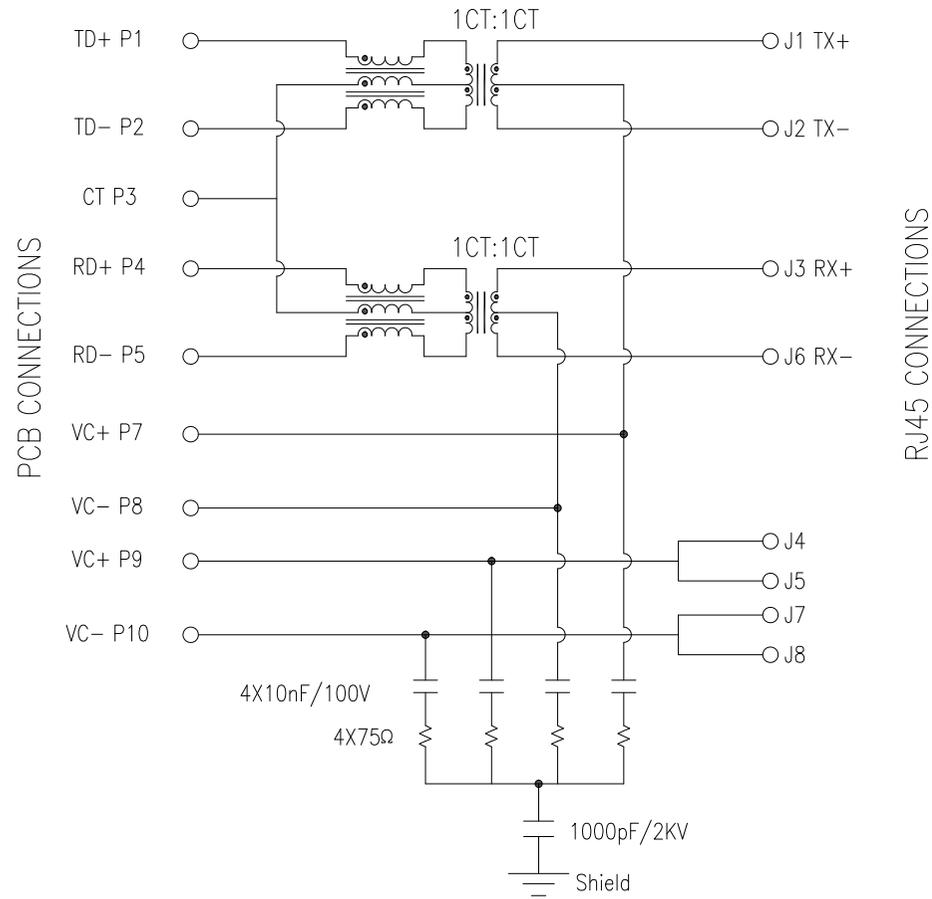
Matrix Electronics Co.,Ltd

TOLERANCE: X.X ±0.38 X.XX ±0.25 X.XXX ±0.13 ANGLE: ±3°	DESIGN BY : Hanson Huang	DATE : 2020/05/25	PART NAME: RJ45,CONNECTORS, 10/100Mbps,FILTER
	CHECKED BY: Joyce Cho	DATE : 2020/05/25	PART NO. MRJF-11T1286RS
 UNIT: mm [inch]	APPROVED BY1: Richard Hsieh	DATE : 2020/05/25	MOLD NO. NA
	SCALE:1:1 SIZE:A4	APPROVED BY2: Richard Hsieh	DATE : 2020/05/25

GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2020/05/25	Hanson

2. SCHEMATIC:



3. ELECTRICAL CHARACTERISTICS:

- 1 Inductance: 350uH Min With 8mA DC bias.
- 2 Insertion loss : 1-100MHZ -1dB max.
- 3 Return loss : 1-30MHZ -18dB min.
30-60MHZ -16dB min.
60-80MHZ -12dB min.
80-100MHZ -10dB min.
- 4 Common Mode Rejection:1-100MHZ -30dB min.
- 5 Cross Talk:1-100MHZ -30dB min.
- 6 DC current:350mA MAX @57VDC continuous.
- 7 Operating and Storage Temperature:
Operating Temperature : 0°C to +70°C.
Storage Temperature : -40°C to +85°C.
- 8 Wave soldering peak temperature:260°C.

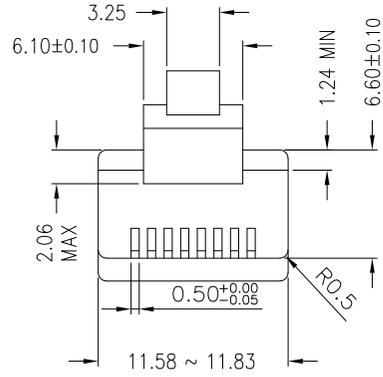


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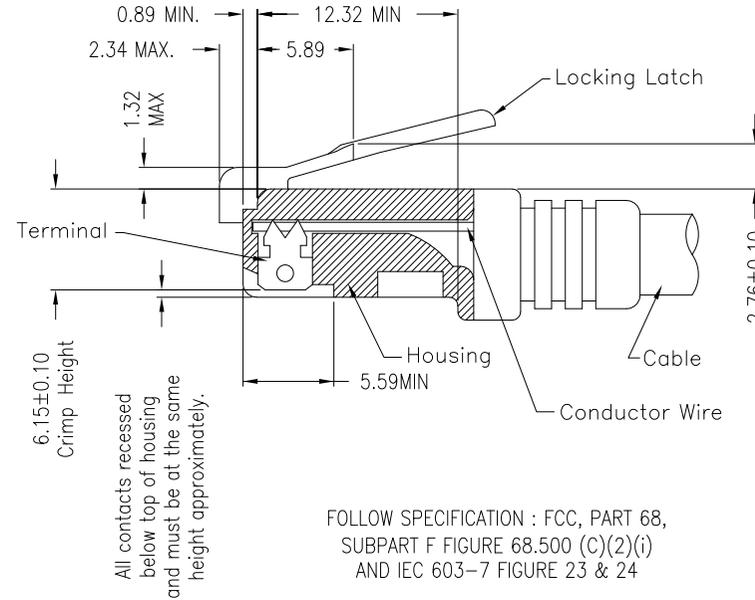
TOLERANCE: X:X ±0.38 X:XX ±0.25 X:XXX ±0.13 ANGLE: ±3°	DESIGN BY : Hanson Huang	DATE : 2020/05/25	PART NAME: RJ45,CONNECTORS, 10/100MBPS,FILTER
	CHECKED BY: Joyce Cho	DATE : 2020/05/25	PART NO. MRJF-11T1286RS
 UNIT: mm [inch]	APPROVED BY1: Richard Hsieh	DATE : 2020/05/25	MOLD NO. NA
	SCALE:1:1	APPROVED BY2: Richard Hsieh	DATE : 2020/05/25
SIZE:A4	SHEET NO. 2 OF 3		

GP Component

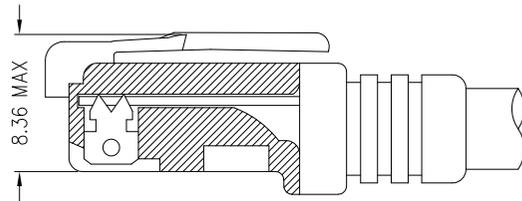
REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
AO			Initial	2020/05/25	Hanson



* 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: X:X ±0.38 X:XX ±0.25 X:XXX ±0.13 ANGLE: ±3°	DESIGN BY :	DATE :	PART NAME:	
	Hanson Huang	2020/05/25	RJ45,CONNECTORS, 10/100MBPS,FILTER	
UNIT: mm [inch] SCALE:1:1 SIZE:A4	CHECKED BY:	DATE :	PART NO.	MRJF-11T1286RS
	Joyce Cho	2020/05/25	MOLD NO.	NA
APPROVED BY1: APPROVED BY2:	DATE :	DATE :	DRAW NO.	
	Richard Hsieh	2020/05/25	SHEET NO.	3 OF 3
	Richard Hsieh	2020/05/25		