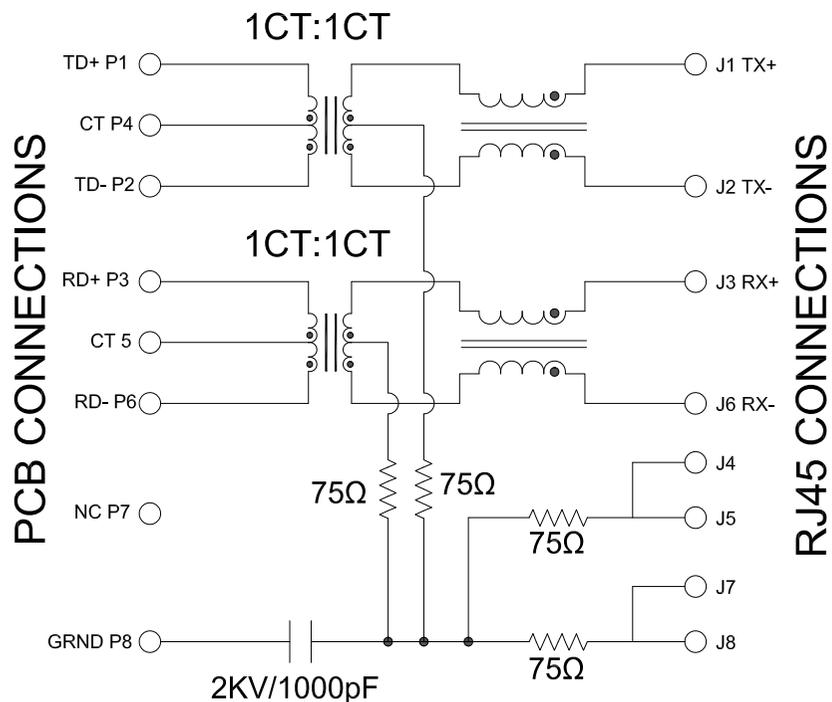


GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2020/08/27	Vince
A1			Modify Insert Core Color	2021/09/03	Vince

3. SCHEMATIC:



- 3. Electrical Specification @25°C:**
- 3.1 Inductance: 350uH Min With 8mA DC bias.
 - 3.2 Hi-Pot Test: Input to Output 2250VDC/1mA.
 - 3.3 Insertion loss : 1-100MHZ -1dB max.
 - 3.4 Return loss : 1-30MHZ -18dB min.
30-60MHZ -16dB min.
60-80MHZ -12dB min.
80-100MHZ -10dB min.
 - 3.5 Common Mode Rejection:1-100MHZ -30dB min.
 - 3.6 Cross Talk:1-100MHZ -30dB min.
- 4. Operating and Storage Temperature:**
- 4.1 Operating Temperature : 0°C to +70°C.
 - 4.2 Storage Temperature : -40°C to +85°C.
- 5. Wave soldering peak temperature:260°C.**

Matrix-RJ45

M R J F - 1 1 T 1317 R S

RS: ROHS
HF: Halogen Free

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

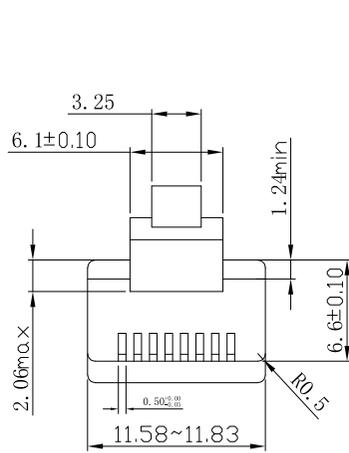
S: SMD
T: THT

Series Number

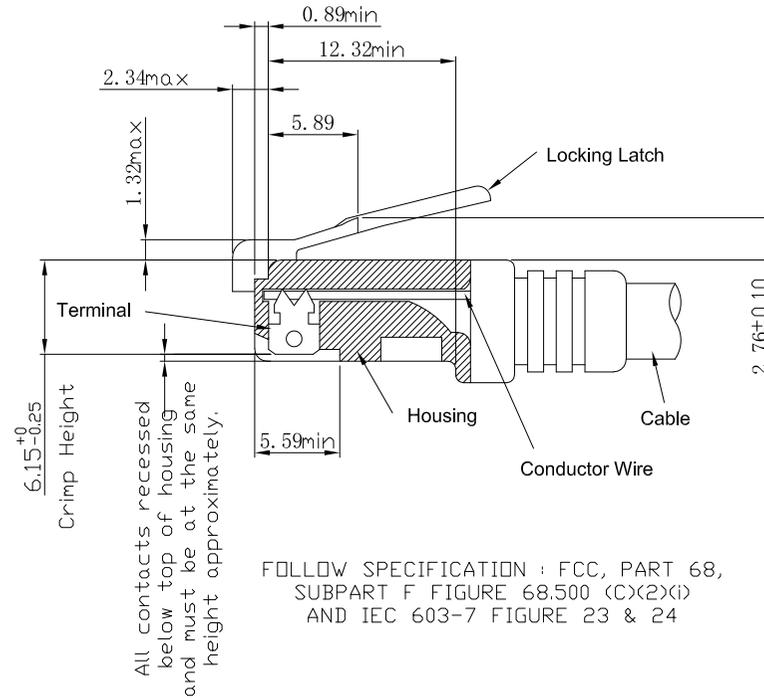
NO	VARIETY	QTY	MATERIAL	REMARK
 Matrix Electronics Co., Ltd				
TOLERANCE: X ±0.38 X.X ±0.25 X.XX ±0.13 ANGLE: ±3°		DESIGN BY : Vince Chen CHECKED BY: Hanson Huang	DATE : 2021/09/03 DATE : 2021/09/03	PART NAME: RJ45, CONNECTORS, W/LED, SHIELDED 10/100, FILTER PART NO. MRJF-11T1317RS
 UNIT: mm [inch]		APPROVED BY1: Richard Hsieh APPROVED BY2: Richard Hsieh	DATE : 2021/09/03 DATE : 2021/09/03	MOLD NO. NA DRAW NO. SHEET NO. 2 OF 3
SCALE: 1:1		SIZE: A4		

GP Component

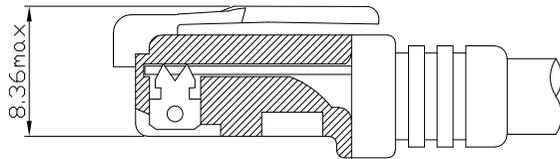
REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2020/08/27	Vince
A1			Modify Insert Core Color	2021/09/03	Vince



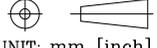
- * There must be no damage to housing or locking latch. There must be no nicks or cuts in cable.
- * Durability : 750 cycles generally



STANDARD MODULAR PLUG ASSEMBLY



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

NO	VARIETY	QTY	MATERIAL	REMARK
 Matrix Electronics Co., Ltd				
TOLERANCE: X X.X ±0.38 X.XX ±0.25 X.XXX ±0.13 ANGLE: ±3°		DESIGN BY : Vince Chen	DATE : 2021/09/03	PART NAME: RJ45, CONNECTORS, W/LED, SHIELDED 10/100, FILTER
 UNIT: mm [inch] SCALE:1:1 SIZE:A4		CHECKED BY: Hanson Huang	DATE : 2021/09/03	PART NO. MRJF-11T1317RS
		APPROVED BY1: Richard Hsieh	DATE : 2021/09/03	MOLD NO. NA
		APPROVED BY2: Richard Hsieh	DATE : 2021/09/03	DRAW NO. SHEET NO. 3 OF 3