

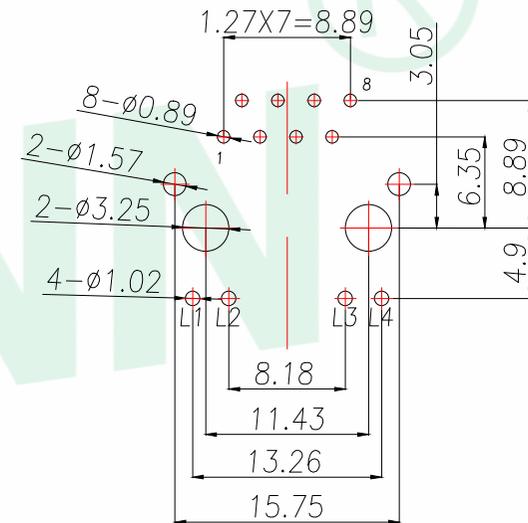
REV.	DESCRIPTION	ECN NO.	NAME	DATE

1. Material:

- 1.1 Housing: **PBT** UL94V-0 Black.
- 1.2 Contact :Phosphor Bronze(C5210),Gold plated on contact area **30u"**.
- 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.



Recommended PCB Layout
(Tolerance:±0.05)

GENERAL TOLERANCE		DONGGUAN BAOXUN PRECISION TECHNOLOGY CO., LTD			 
DIM.	TOL.	TITLE: 无弹 左绿右黄 B3.05 DIP 100兆30u" PBT			
.x	±0.35	DWG. NO.: RJ45-911-A55		CHECKED: MAX	
.xx	±0.25	PART NO.: RJ45-911-A55		DRAWN: ELLA	
.xxx	±0.15	UNIT: mm		APPROVED: WILL	
GENERAL ANGLE:		SCALE: none	SHEET: 1 of 1	DWG. SIZE: A4	LAYER: bxconn
x.	±3.0°				
x.x'	±2.0°				
x.xx'	±1.0°				

A

B

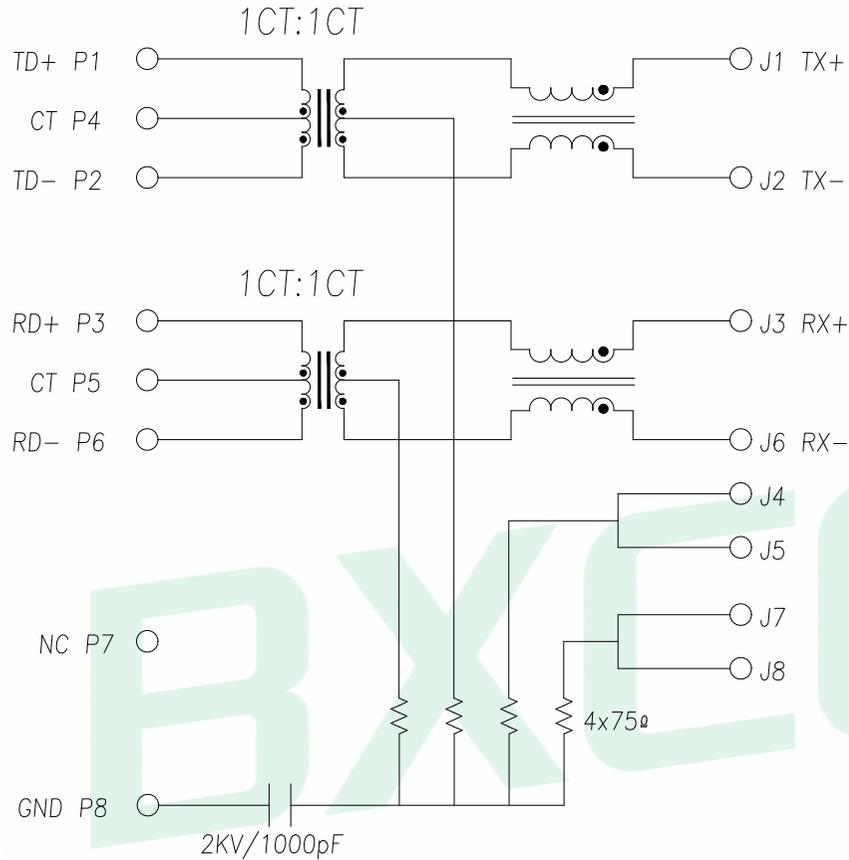
C

D

E

REV.	DESCRIPTION	ECN NO.	NAME	DATE

PCB CONNECTIONS



Emitting Color	$\lambda_p(\text{nm})$	$V_f@I_f=20\text{mA}$
Green	565	1.8-2.5V
YELLOW	585	1.8-2.5V

RJ45 CONNECTIONS

3. Electrical Specification @25°C:

3.1 Inductance: 350uH Min With 8mA DC bias.

3.2 Insertion loss :
1-100MHZ -1dB max.3.3 Return loss :
1-30MHZ -18dB min.
30-60MHZ -16dB min.
60-80MHZ -12dB min.
80-100MHZ -10dB min.

3.4 Common Mode Rejection: 1-100MHZ -30dB min.

3.5 Cross Talk: 1-100MHZ -30dB min.

4. Operating and Storage Temperature:

4.1 Operating Temperature : -40°C to +85°C.

4.2 Storage Temperature : -40°C to +85°C.

5. Wave soldering peak temperature: 260°C.

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x.° ±3.0°					
x.x° ±2.0°					
x.xx° ±1.0°					