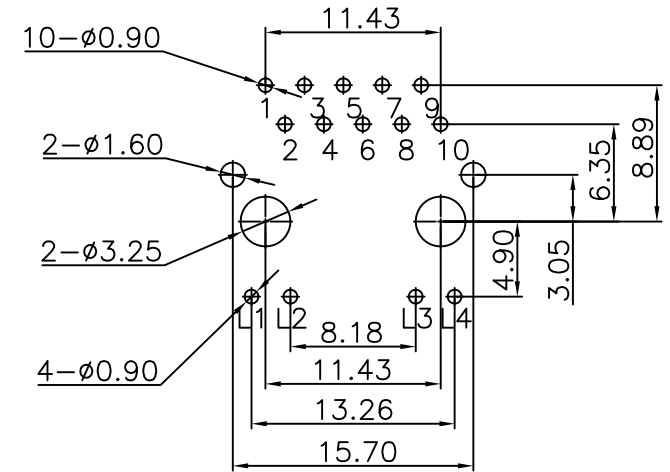
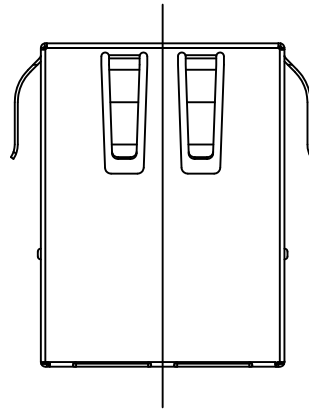
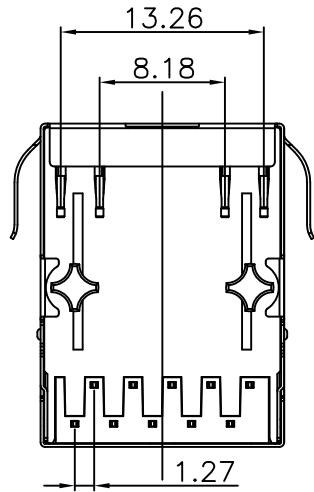
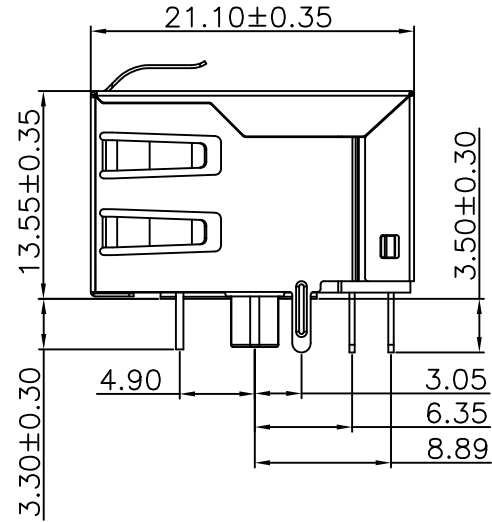
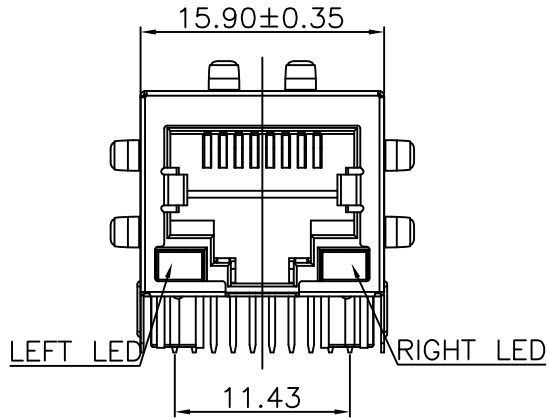


RoHS compliant



Recommended PCB Layout
(Tolerance: ±0.05)

1. Material:

- 1.1 Housing: PBT UL94V-0 Black.
Insert: PBT UL94V-0 Black.
- 1.2 Shell: 30u" Ni Over Brass(C2680), T=0.20mm.
- 1.3 RJ45 Terminal: Phosphor Bronze(C5191) T=0.35mm
Plating: 6u" Gold Plated On Contact Area,
80u" ~120u" Tin Plated On Solder Area,
50u" ~80u" Ni Underplated Overall.
- 1.4 Tail Terminal: Brass(C2680) T=0.35mm,
Plating: 80u" ~120u" Tin Plated Over,
30u" ~50u" Ni Underplated Overall.

2. Environmental requirements:

- 2.1 Lead-free process, compliant RoHS.

GENERAL TOLERANCE

DRAWN

Gene Li

2023/12/22

.X ±0.35 X.° ±2°

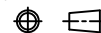
CHECKE

.XX ±0.25 .X.° ±1°

APPROVE

.XXX ±0.15 .XX.° ±0.5°

PROJECT



UNIT mm

SCALE 1:1

SHEET 1/3



连兴旺电子(深圳)有限公司

LXWCONN ELECTRONICS (SHENZHEN) CO., LTD

PART NO. 20112E-111A-G106

TITLE: RJ45 TAB-DOWN 1000BASE-TX 1X1 W/LED W/SHIELD

REV

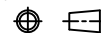
ECN NO

DESCRIPTION

DATE

SIGNATURE

PROJECT



UNIT mm

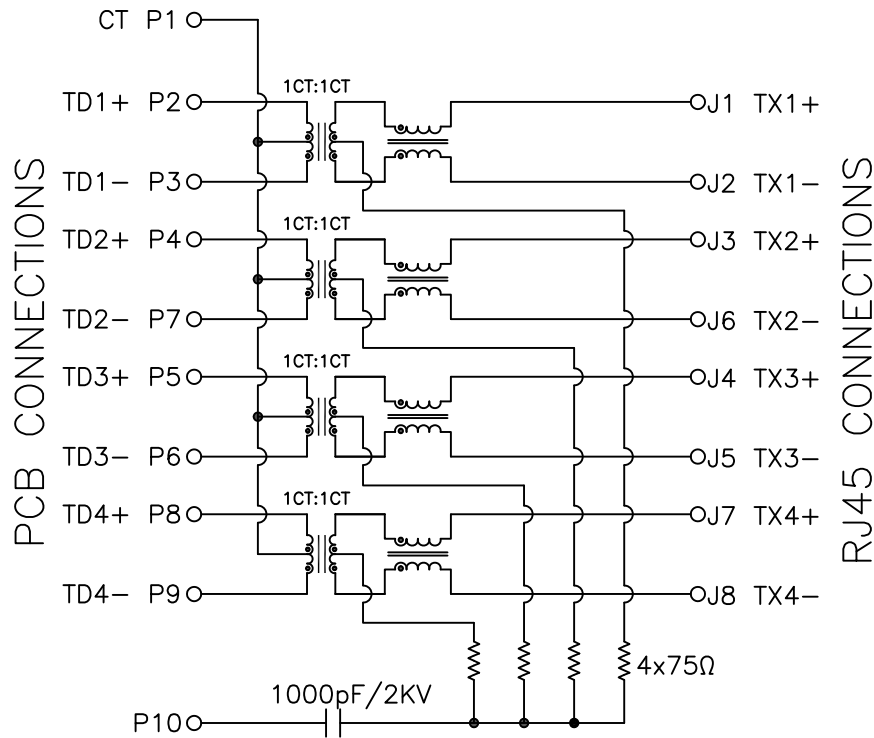
SCALE 1:1

SHEET 1/3

REV

A0

RoHS compliant



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.

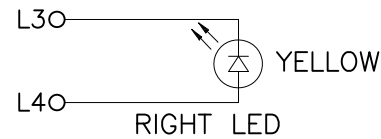
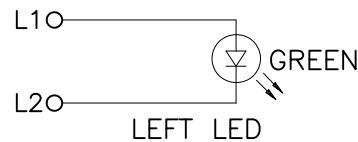
3.5 Cross Talk:1-100MHZ -30dB min.

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.

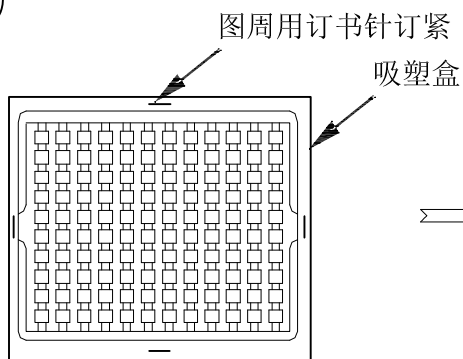


Emitting Color	λ_p (nm)	$V_f @ I_f = 20\text{mA}$
Green	565	1.8-2.5V
YELLOW	585	1.8-2.5V

					GENERAL TOLERANCE		DRAWN		Gene Li		2023/12/22		 连兴旺电子(深圳)有限公司 LXWCONN ELECTRONICS (SHENZHEN) CO., LTD			
					.X	±0.35	X.°	± 2°	CHECKE				PART NO.	20112E-111A-G106		
A0		NEW DESIGN	2023/12/22		.XX	±0.25	.X°	± 1°	APPROVE							
					.XXX	±0.15	.XX°	± 0.5°					TITLE:	RJ45 TAB-DOWN 1000BASE-TX 1X1 W/LED W/SHIELD		
REV	ECN NO	DESCRIPTION	DATE	SIGNATURE	PROJECT				UNIT	mm	SCALE	1:1	SHEET	2/3	REV	A0

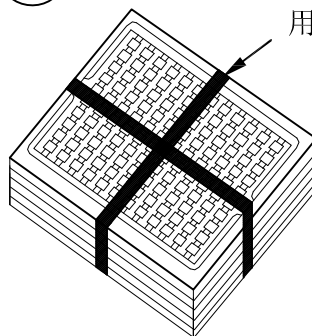
RoHS compliant

1



每吸塑盒放120PCS产品

2

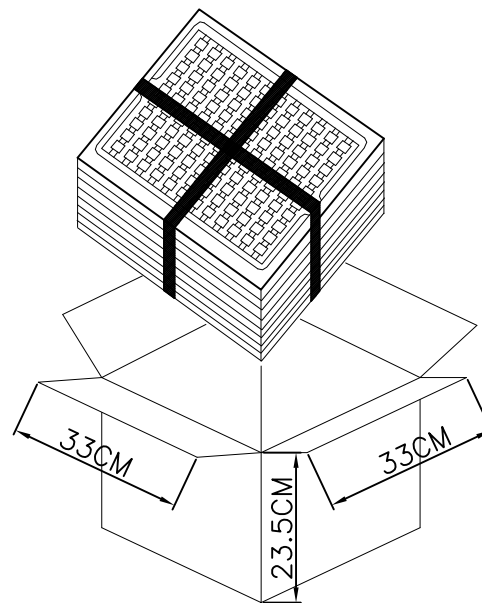


5吸塑盒为一叠

用拉伸膜“十”字型扎紧

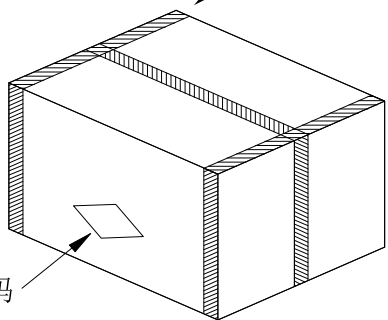
3

每箱放10盒吸塑盒，
(共10盒1200PCS产品)



4

封箱胶纸封箱



客户代码

GENERAL TOLERANCE

DRAWN

Gene Li

2023/12/22

 连兴旺电子(深圳)有限公司

LXWCONN ELECTRONICS (SHENZHEN) CO., LTD

.X ± 0.35 X. $^{\circ}$ $\pm 2^{\circ}$

CHECKE

PART NO. 20112E-111A-G106

.XX ± 0.25 X. $^{\circ}$ $\pm 1^{\circ}$

APPROVE

TITLE: RJ45 TAB-DOWN 1000BASE-TX 1X1 W/LED W/SHIELD

.XXX ± 0.15 XX. $^{\circ}$ $\pm 0.5^{\circ}$

PROJECT

UNIT mm

SCALE 1:1

SHEET 3/3

REV A0

REV

ECN NO

DESCRIPTION

DATE

SIGNATURE

1

2

3

5

6

7

8

A0

NEW DESIGN

2023/12/22