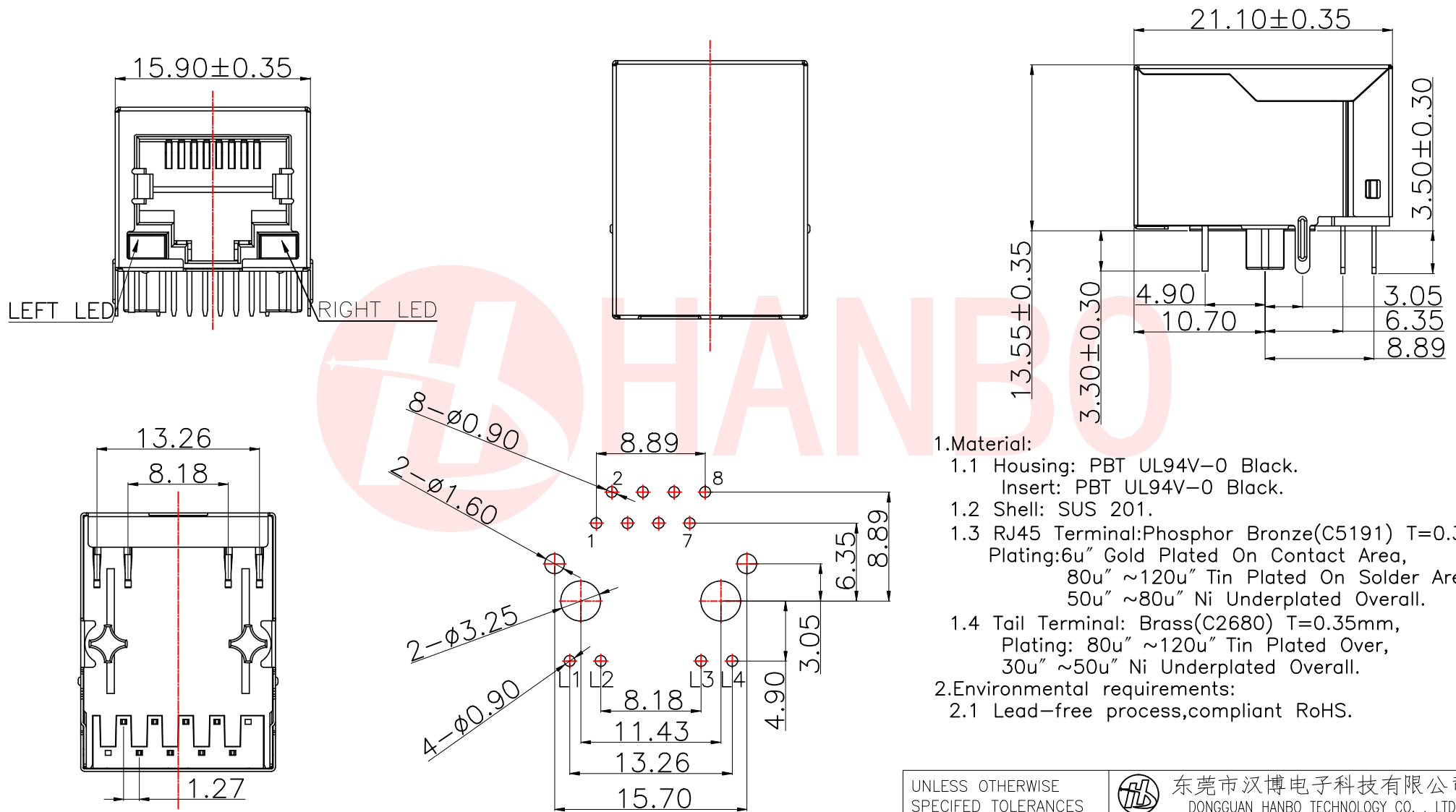




REV.	ECN NO OR DESCRIPTION	REVISED	DATE



1.Material:

- 1.1 Housing: PBT UL94V-0 Black.
Insert: PBT UL94V-0 Black.
- 1.2 Shell: SUS 201.
- 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.

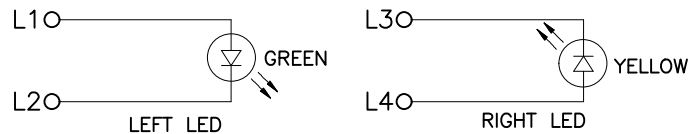
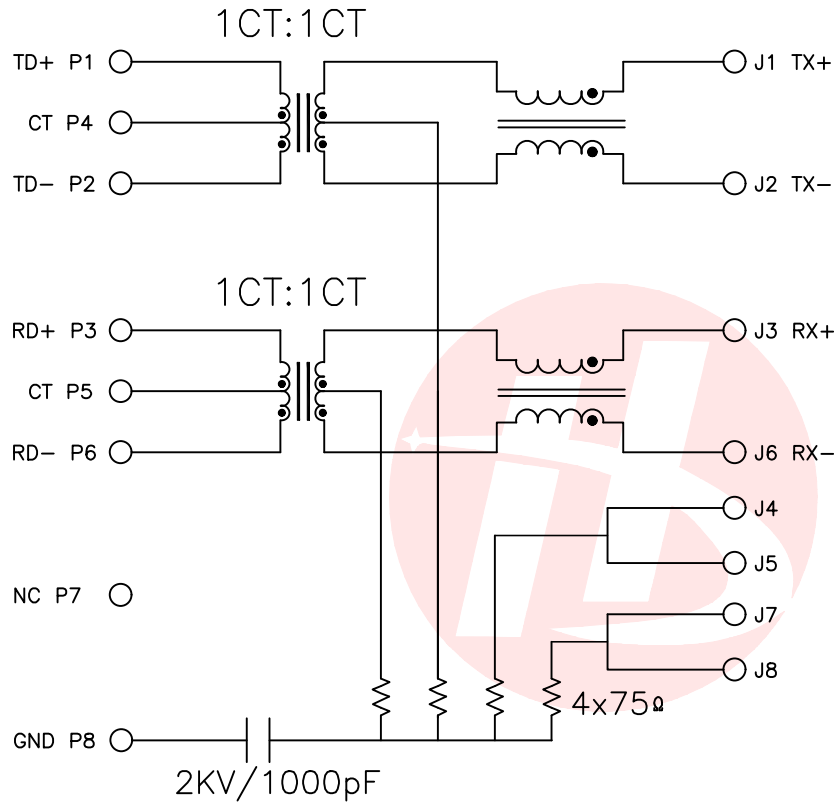
Recommended PCB Layout
(Tolerance: ± 0.05)

UNLESS OTHERWISE SPECIFIED TOLERANCES		东莞市汉博电子科技有限公司 DONGGUAN HANBO TECHNOLOGY CO., LTD			
DECIMALS:	ANGLES:	TITLE	RJ45 1x1 Dip Tab Down 10/100 Base With LED 6u" NS		
X : ± 0.30	X : $\pm 2^\circ$	DWN	xiong	PART NO. HB-H04G0520DQW-R	
X.X : ± 0.20	X.X : $\pm 1^\circ$	CHKD	lee	SCALE: 1:1	UNIT: mm
X.XX : ± 0.10		APVD	wang	SIZE: A4	SHEET: 10F 1
CUSTOMER COPY					



REV.	ECN NO OR DESCRIPTION	REVISED	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

Product Code

HB-H 04 G 05 2 0 D Q W - R

HB: _____

SPEED: _____

H=10/100 宽温

Material: _____

A:PBT+SUS

Gold plating: _____

0=G/F

1=3u"

2=6u"

3=15u"

4=30u"

SCHEMATIC: 01-99

LED

Spring: _____

0:W/O

1:up side

2:both sides

3:all

Type: _____

D=Wave Soldering+ 梅花脚

REV.: _____

P:平行脚4.06

Q:平行脚4.90

Halogen+POE

W:With Halogen

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.

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.

UNLESS OTHERWISE
SPECIFIED TOLERANCES

DECIMALS: ANGLES:
X :±0.30 X :±2°
X.X :±0.20 X.X :±1°
X.XX :±0.10



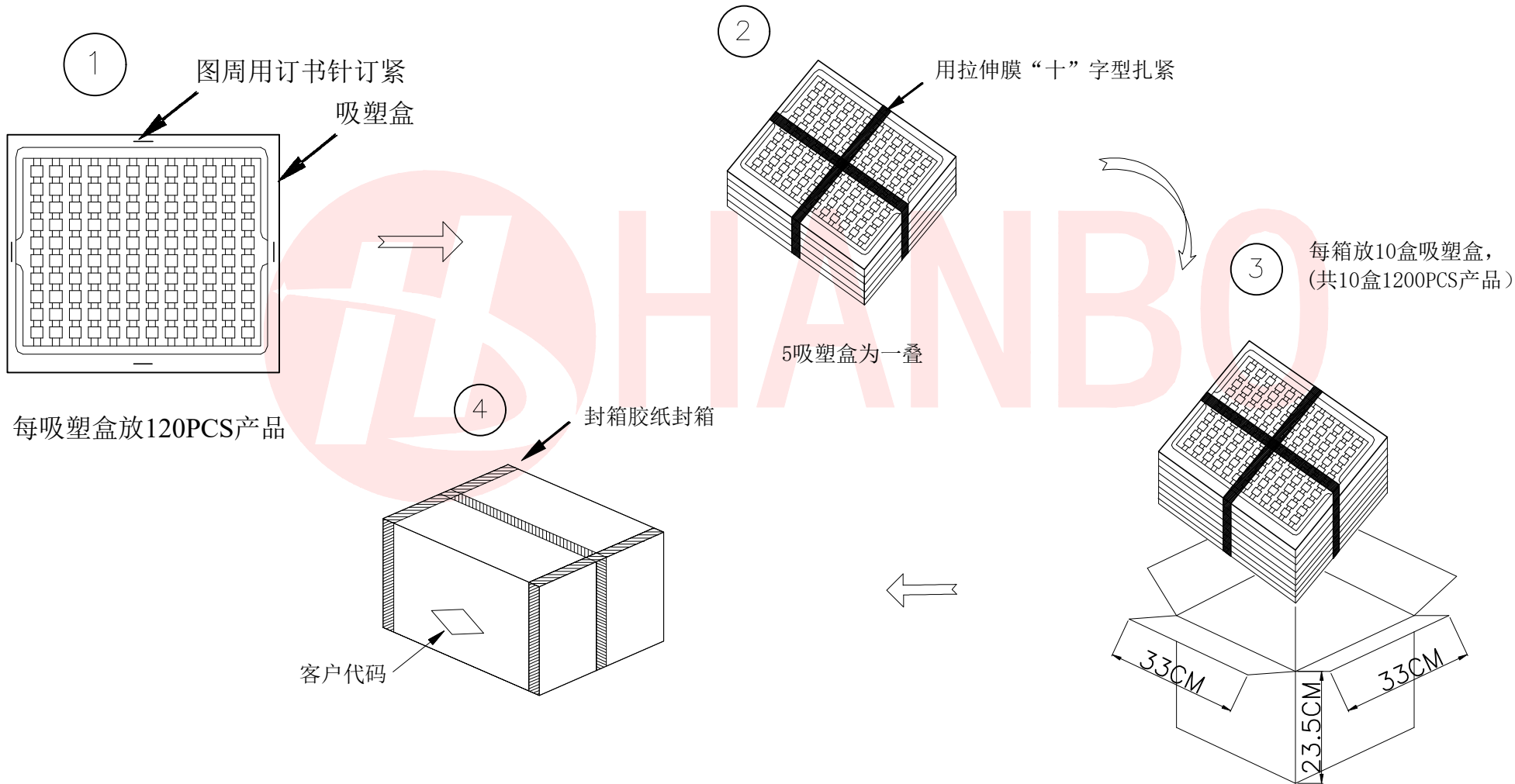
东莞市汉博电子科技有限公司
DONGGUAN HANBO TECHNOLOGY CO., LTD

TITLE	RJ45 1x1 Dip Tab Down 10/100 Base With LED 6u" NS			
DWN	xiong	PART NO. HB-H04G0520DQW-R		
CHKD	lee	SCALE:1:1	UNIT: mm	
APVD	wang	SIZE: A4	SHEET:10F 1	REV: A4

CUSTOMER COPY



REV.	ECN NO OR DESCRIPTION	REVISED	DATE



UNLESS OTHERWISE SPECIFIED TOLERANCES		东莞市汉博电子科技有限公司 DONGGUAN HANBO TECHNOLOGY CO., LTD			
DECIMALS:	ANGLES:	TITLE	RJ45 1x1 Dip Tab Down 10/100 Base With LED 6u" NS		
X :±0.30	X :±2°	DWN	xiong	PART NO. HB-H04G0520DQW-R	
X.X :±0.20	X.X :±1°	CHKD	lee	SCALE:1:1	UNIT: mm
X.XX :±0.10		APVD	wang	SIZE: A4	SHEET:10F 1
CUSTOMER COPY					