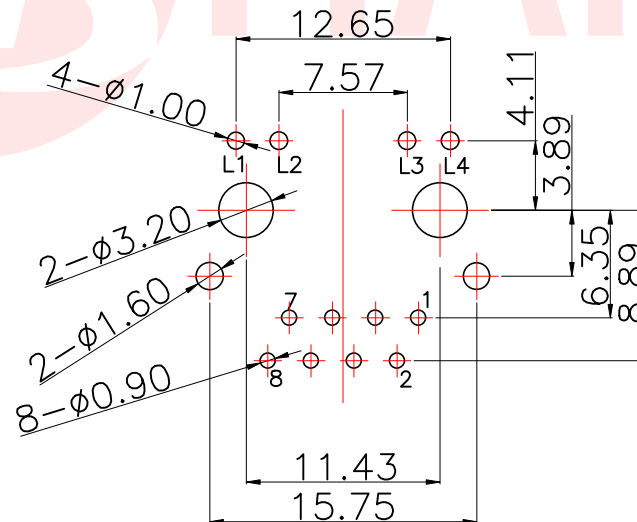
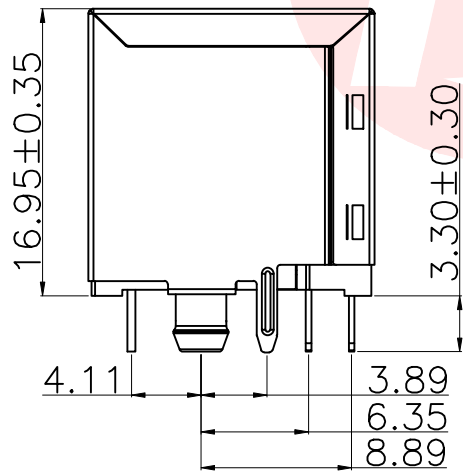
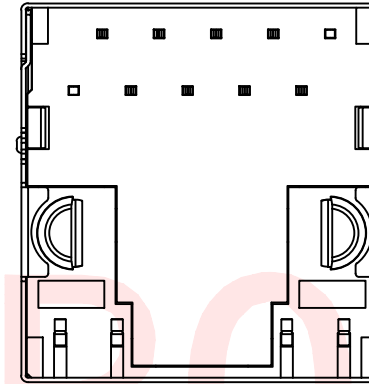
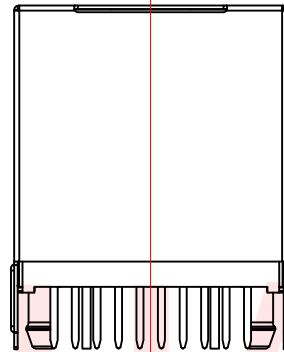
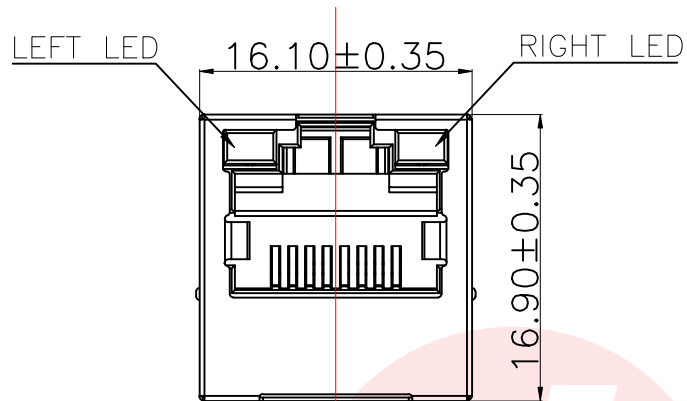




REV.	ECN NO OR DESCRIPTION	REVISED	DATE



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.

UNLESS OTHERWISE
SPECIFIED TOLERANCES



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

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

TITLE	RJ45 1x1 Dip Vertical 10/100 Base With LED 6u" NS			
DWN	xiong	PART NO. HB-H14A1620EAW-2		
CHKD	lee	SCALE:1:1	UNIT: mm	
APVD	wang	SIZE: A4	SHEET:10F 1	REV: A4

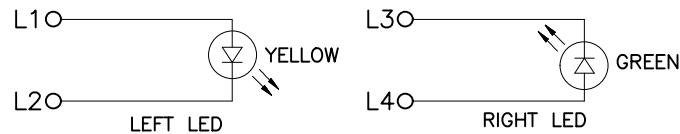
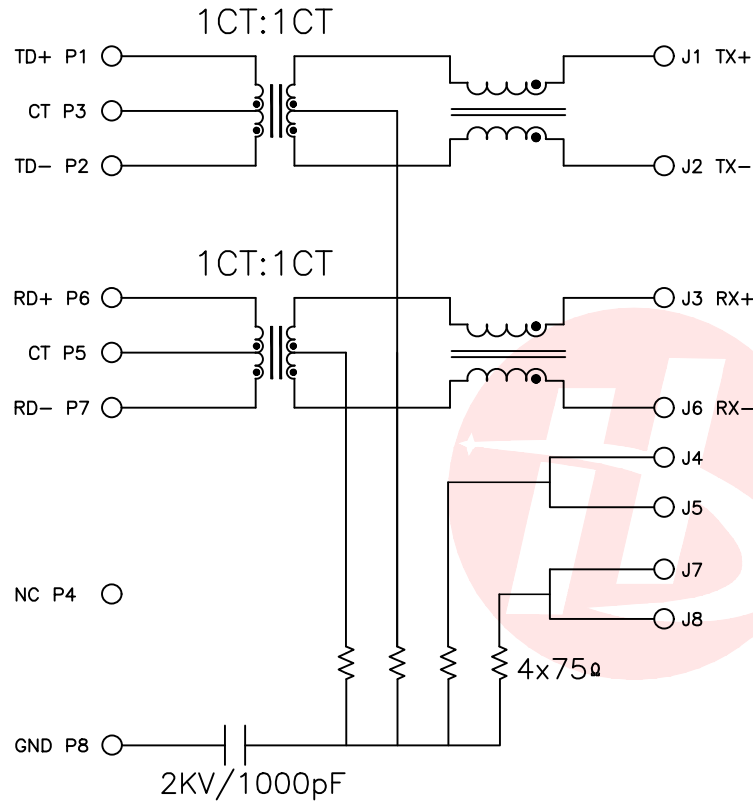
CUSTOMER COPY



REV.	ECN NO OR DESCRIPTION	REVISED	DATE

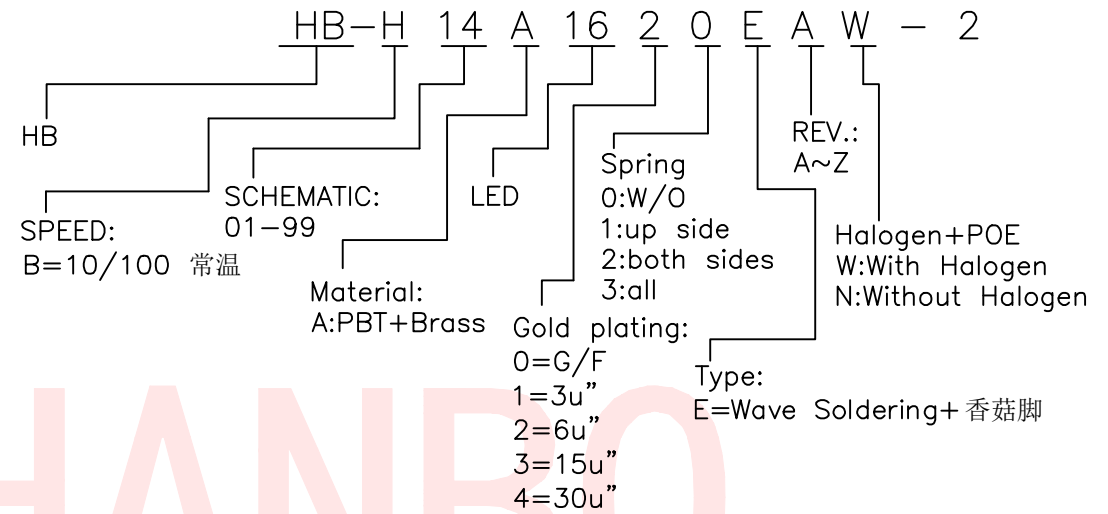
PCB CONNECTIONS

RJ45 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

Product Code

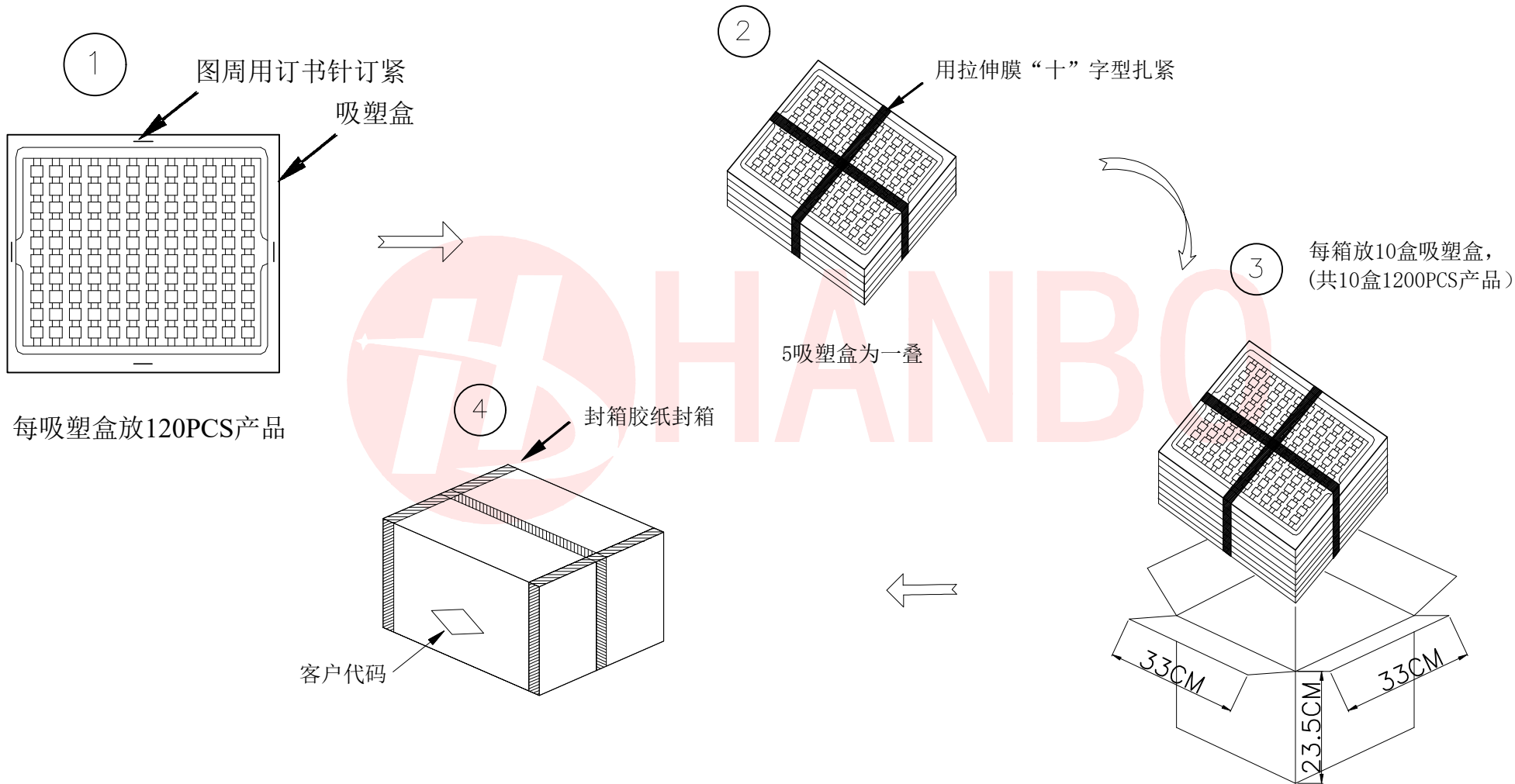


- 3.Electrical Specification @25°C:
- 3.1 Inductance: 350uH Min With 8mA DC bias.
 - 3.2 Insertion loss :
 - 1-100MHZ -1dB max.
 - 3.3 Return loss :
 - 1-30MHZ -18dB min.
 - 30-60MHZ -16dB min.
 - 60-80MHZ -12dB min.
 - 3.4 Common Mode Rejection:1-100MHZ -30dB min.
 - 3.5 Cross Talk:1-100MHZ -30dB min.
- 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.

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DECIMALS:		TITLE RJ45 1x1 Dip Vertical 10/100 Base With LED 6u" NS			
X	:±0.30	X	:±2°	DWN	xiong
X.X	:±0.20	X.X	:±1°	PART NO.	HB-H14A1620EAW-2
X.XX	:±0.10	CHKD	lee	SCALE:1:1	UNIT: mm
		APVD	wang	SIZE: A4	SHEET:10F 1
		CUSTOMER COPY			
		REV: A4			



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 Vertical 10/100 Base With LED 6u" NS				
X	:±0.30	X	:±2°	DWN	xiong	PART NO. HB-H14A1620EAW-2
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	REV: A4
CUSTOMER COPY						