

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8

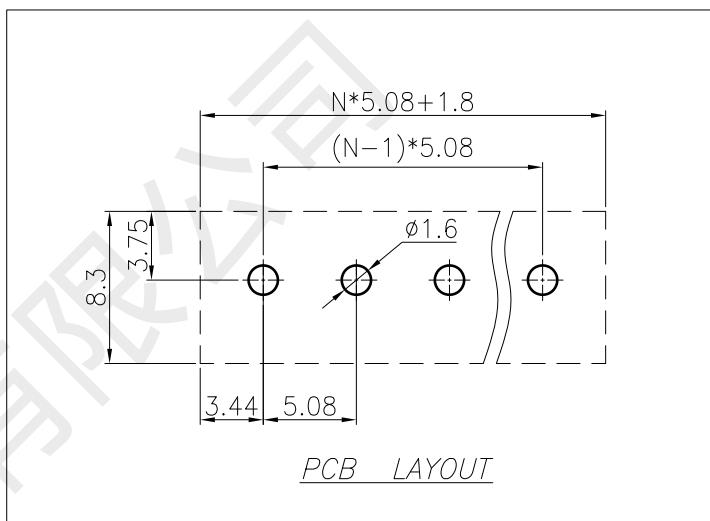
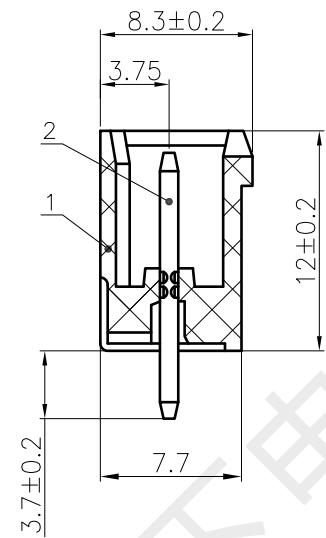
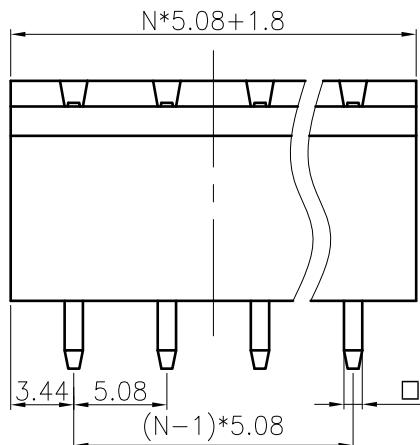
The figure consists of several technical drawings:

- Top Left:** A front view diagram showing the overall width as $N \times 5.08 + 1.8$. Below it, a detailed view shows the pitch 5.08 , the distance between the first and last pins $(N-1) \times 5.08$, and the height of the PCB body.
- Bottom Left:** A top-down view of the PCB pads, showing three circular pads arranged in a row.
- Middle:** A side cross-sectional view of the component. It shows the total height 12 ± 0.2 , the thickness of the PCB body 3.75 , the lead height 8.3 ± 0.2 , and the lead width 7.7 . Reference numerals 1 and 2 indicate specific features: 1 points to the PCB body, and 2 points to the lead.
- Top Right:** A PCB layout diagram with dimensions: total width $N \times 5.08 + 1.8$, total height 8.3 , lead width 5.08 , lead height 3.75 , and a hole diameter of $\phi 1.6$.
- Bottom Right:** A table of component details and a table of technical parameters.

序号	图号	名称	材质	数量	电镀/颜色	备注
2	YXP001.744.008	插针	黄铜	N	镀镍锡	
1	YXP001.815.001-B	插座	PA66	1	绿色	UL94V-0

技术参数:		III/3	III/2	II/2
过压类别/Overshoot Category/污染等级/Pollution Degree				
额定电压/电流/Rated Voltage(V)/Current(A)	/	300V/16A	/	
工频耐压/Withstanding voltage(V/1Min)		2000		
额定冲击电压(Rated impulse voltage) [kV]		4.0		
绝缘电阻/Insulation resistance		常态≥500MΩ		
接触电阻/Contact resistance		<20mΩ		
单PIN插针强度(保持力)/Binding force(N)		>25N		
耐焊接热/Resistance to soldering temperature		260°C±5°C		
间距/Pitch(mm)/线数范围/Poles		5.08/N=02~24P		
使用温度范围/Operating temperature(°C)		-40~+105		
相对湿度/Relative humidity		湿度≤95% (温度+40°C)		
符合RoHS环保要求/Conform to RoHS		Yes		

 深圳市韩下电子有限公司 NAME: 插拔式接线端子(插座)			
NAME: HX-HE040H-5.08-3P			
设计	黄彬	工艺	
审核	张伟	标准化	
批准	罗小春	日期	23.8.21
视角		图幅	A4
比例	2.5:1	单位	mm
页面	1/1	版本/次	A/0



2	YXP001.744.008	插针	黄铜	N	镀镍锡	
1	YXP001.815.001-B	插座	PA66	1	绿色	UL94V-0
序号	图号	名称	材质	数量	电镀/颜色	备注

技术参数:

过压类别/Overvoltage Category/污染等级/ Pollution Degree	III/3	III/2	II/2
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间距/Pitch(mm)/线数范围/Poles	5.08/N=02~24P		
使用温度范围/Operating temperature(°C)	-40~+105		
相对湿度/Relative humidity	湿度≤95%(温度+40°C)		
符合RoHS环保要求/Conform to RoHS	Yes		



NAME: 插拔式接线端子(插座)

NAME: _____

设计	黄彬	工艺		HX-HE040H-5.08-3P		
审核	张伟	标准化		视角	⊕ └─	图幅:A4
批准	罗小春	日期	23.8.21	比例	2.5:1	单位:mm
				页面	1/1	版本/次:A/0

	Pitch dimension			Nominal dimension					
variable range	over 0 ~ 6	over 6 ~ 10	over 10 ~ 24	over 0 ~ 30	over 30 ~ 60	over 60 ~ 100	over 100 ~ 150	over 150	
Tolerance	± 0.1	± 0.15	± 0.25	± 0.20	± 0.3	± 0.5	± 0.7	± 1	0.05/10