



浙江联和电子有限公司
ZHEJIANG LIANHE ELECTRONICS CO., LTD.

承 认 书

SPECIFICATION FOR APPROVAL

客户名称 CUSTOMER: _____

品名 DESCRIPTION: _____ RAST2.5型压接式条形连接器

料号 CUSERTOMER PART NO: _____ A25014

客户确认 APPROVED SIGNATURES

核准 APPROVAL: _____

日期 DATE: _____

工程 ENGINEERING: _____

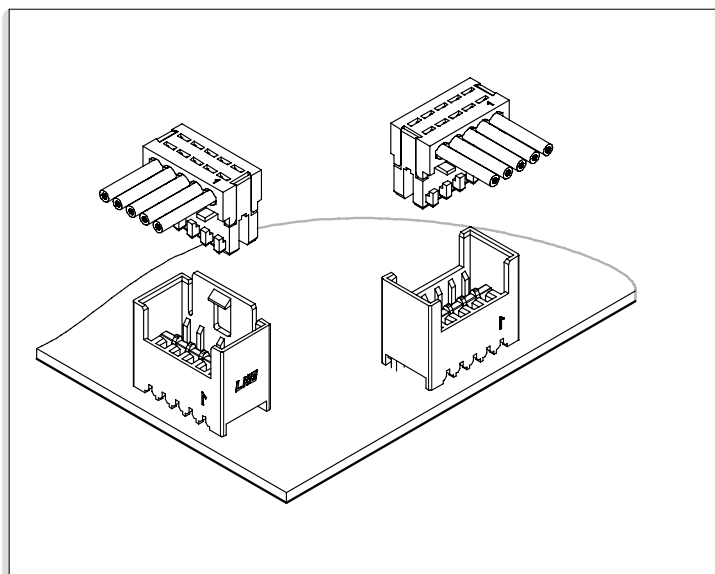
日期 DATE: _____

品管 QC: _____

日期 DATE: _____

承认结果: ☐ 承认 ☐ 不承认

☐ 重新送样



规格 Specifications

1. 极数 Poles: 2 to 20P
2. 额定电流 Current rating: 2.0A AC,DC
3. 额定电压 Voltage rating: 32V AC,DC(2.5mm)
250V AC,DC(5.0mm)
4. 温度范围 Temperature range: -40°C to +110°C
(含通电温度上升值)
(Including temperature rise in applying electrical current)
5. 接触电阻 Contact resistance: 初期 Initial value / $\leq 10\text{m}\Omega$
环境测试后 After environmental testing / $\leq 20\text{m}\Omega$
6. 绝缘电阻 Insulation resistance: $\geq 1000\text{M}\Omega$
7. 耐电压 Withstanding voltage: 1000V AC/minute(2.5mm)
1500V AC/minute(5.0mm)
8. 适用线规 Applicable wire: AWG #24 to #21
9. 适用基板厚度 Applicable PC board thickness:



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制订 Edit: 石斛

日期 DATE: 2026-05-23

审核 Check: 天琴

日期 DATE: 2026-05-23

批准 Approval: 季育文

日期 DATE: 2026-05-23

RAST2.5型料号说明 Description of item number

壳体料号说明 HOUSING

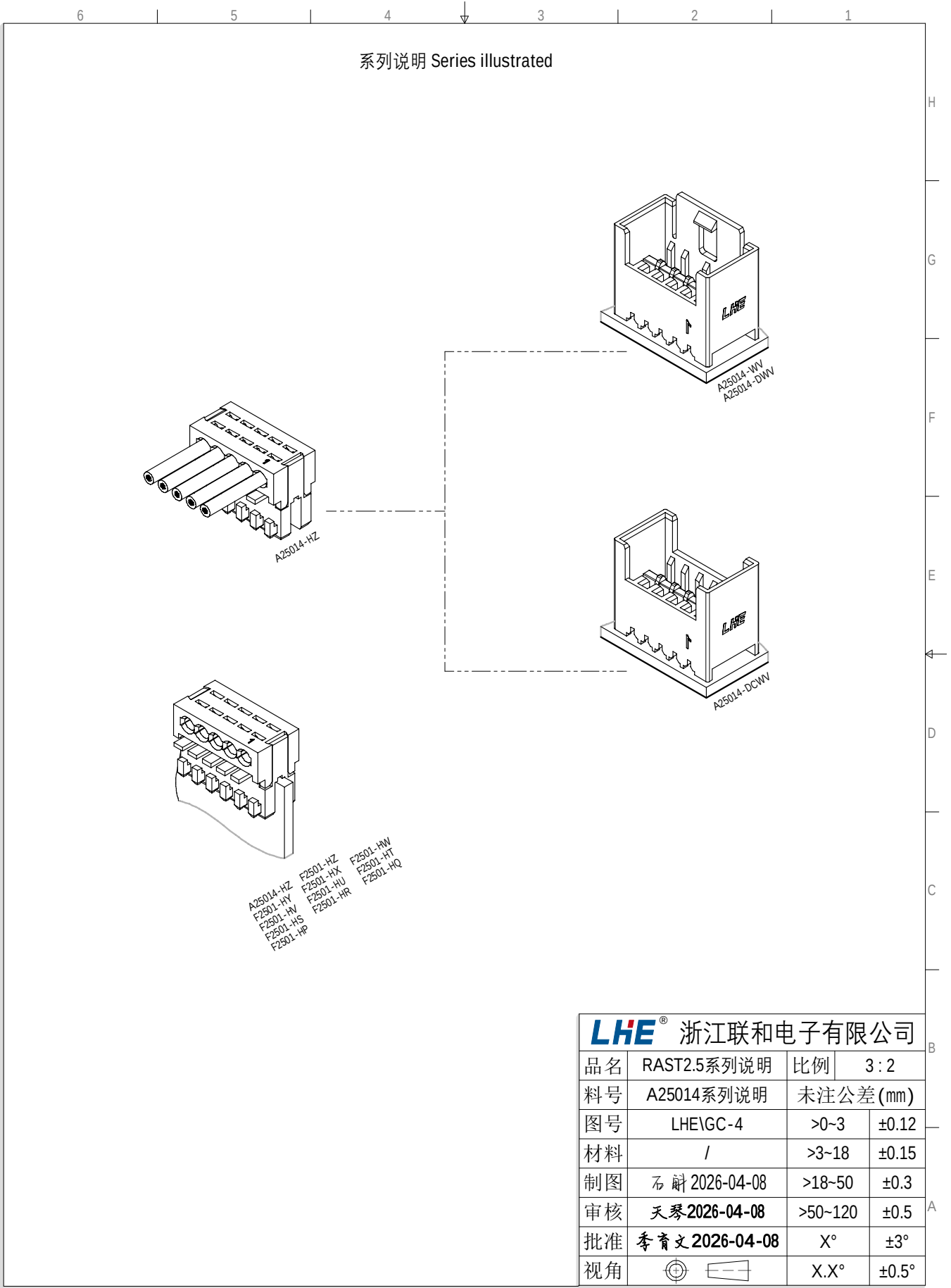
A 25014 - S H B 02 X2 - N* - * - ** - ** - ** - **																			
A: Wire to Board Connectors B: Board-in Connectors C: Wire to Wire Connectors D: Hard Splices Connectors F: FFC/FPC Connectors I: IDC																			
系列号 Series Number																			
特征类别(默认空) Feature Category: S=锁片型																			
产品类别 Product Category:	H=壳体 Housing P=密封件 Water Proofing F=配件 Fitting																		
同类别多型号序号(默认空) Same Series Different Type: B-ZZ																			
单列极数 The Pin Number of Single Row: 01~**																			
多列列数 The Pin Number of Several Row: X2~X* (无则空)																			
M为堵孔, *为堵孔序号(例M1.2.5)(无则空)																			
<table border="0"> <tr> <td>1=PA66</td> <td>10=PC</td> </tr> <tr> <td>2=PA66灼热丝 -G</td> <td>11=PA66无卤灼热丝</td> </tr> <tr> <td>3=PA46</td> <td>12=PA66高灼热丝</td> </tr> <tr> <td>4=PA6T</td> <td>13=PA66增强</td> </tr> <tr> <td>5=PA9T</td> <td></td> </tr> <tr> <td>6=PBT</td> <td></td> </tr> <tr> <td>7=PPO</td> <td></td> </tr> <tr> <td>8=LCP</td> <td></td> </tr> <tr> <td>壳体材料 Housing Material:</td> <td>9=U=UL</td> </tr> </table>		1=PA66	10=PC	2=PA66灼热丝 -G	11=PA66无卤灼热丝	3=PA46	12=PA66高灼热丝	4=PA6T	13=PA66增强	5=PA9T		6=PBT		7=PPO		8=LCP		壳体材料 Housing Material:	9=U=UL
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OR=橙色 Orange P=粉色 Pink R=红色 Red VI=紫色 Violet Y=黄色 Yellow GY=灰色 Gray BK=黑色 Black G=绿色 Green BL=蓝色 Blue BR=棕色 Brown TR=透明白 Transparent W=白色 White EC=米白 ECRU 壳体颜色 Housing Color: TG=透明绿 Transparent Green 壳体材料2/3/4/5/8/12默认米色 壳体材料7默认黑色 壳体材料1/6/9/10/11默认白色 壳体材料13默认透明 (默认可为空)																			
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RAST2.5型料号说明 Description of item number

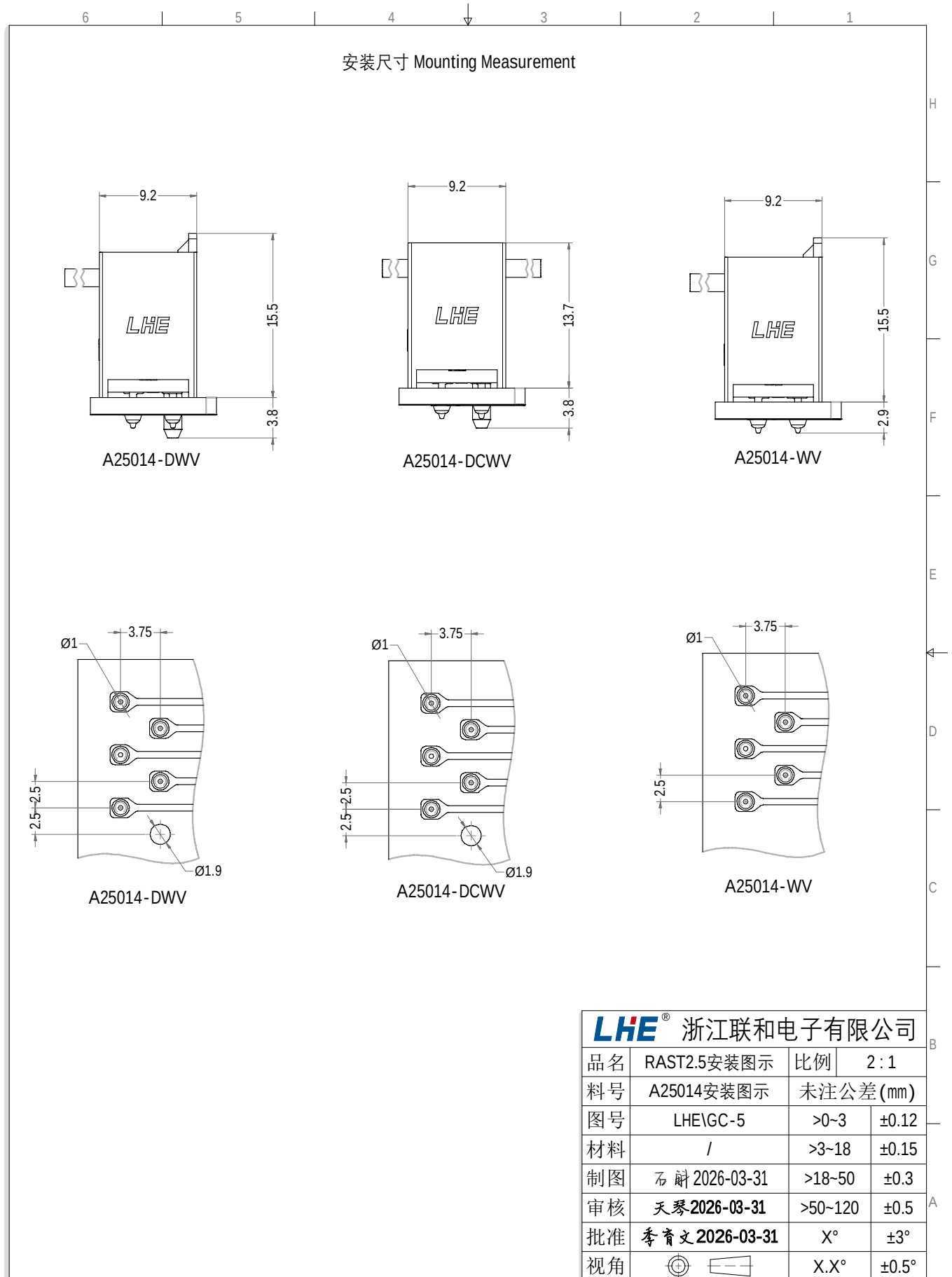


针座料号说明 WAFER

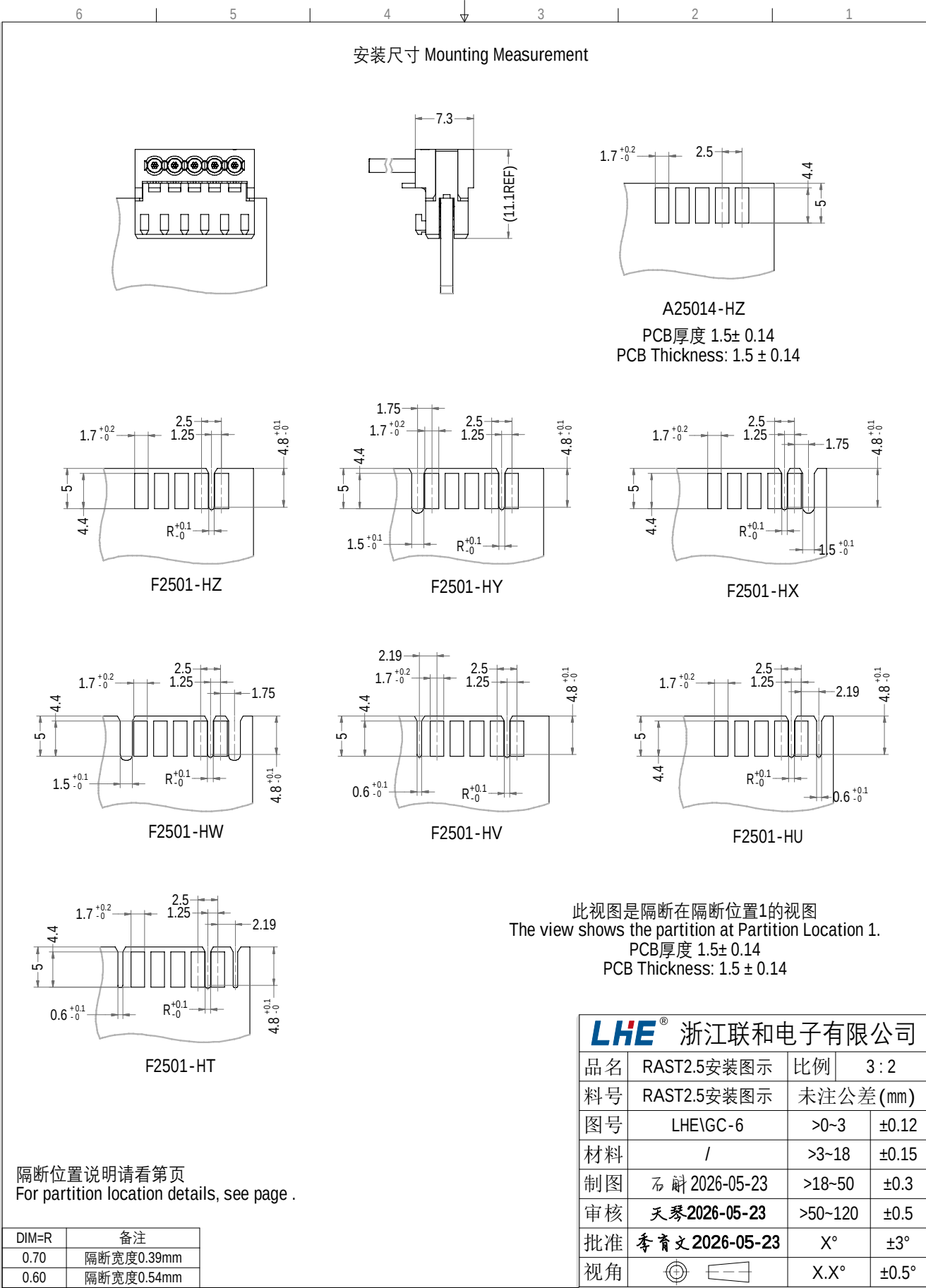
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DB=防呆柱+全包 B=全包 All inclusive DH=防呆柱+高背型 特征类别(默认空)H=高背型 High box type Feature Category: D=固定防呆柱 Fixed																														
WV=直针座 Straight Angle WR=弯针座 Right Angle SV=立贴式 V-SMT 产品类别 Product Category: SR=卧贴式 R-SMT																														
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C为插针样式不同(除打点、缺针外)*为序号(无则空)																														
打点样式 Point Style:K为打点,K2.4表示在第2枚,第4枚上打点,默认打点无数字标注(无则空)																														
接触件材料 P=磷青铜 Phos.Bronze Contact Material: B=黄铜 Brass																														
0=素材酸洗 None 1=镀镍 Nickel Plating 2=镀亮锡 Tin Plating 3=镀镍氯光锡 Matt Tin-Nickel Plating 4=镀铅锡 Tin-Lead Plating 5=镀铜锡 Tin-Cu Plating 6=镀镍银 Silver-Nickel Plating 7=镀镍金 Gold-Nickel Plating 8=镀镍局部金 Half Gold-Nickel Plating 9=镀亮锡局部金 Half Gold-Tin Plating 表面处理 Surface Processing: 10=镀镍亮锡 Tin-Nickel Plating (A5001默认B3)																														
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其他特殊要求 Other Special Requirements: 如:SE(对固定力要求高5N)																														
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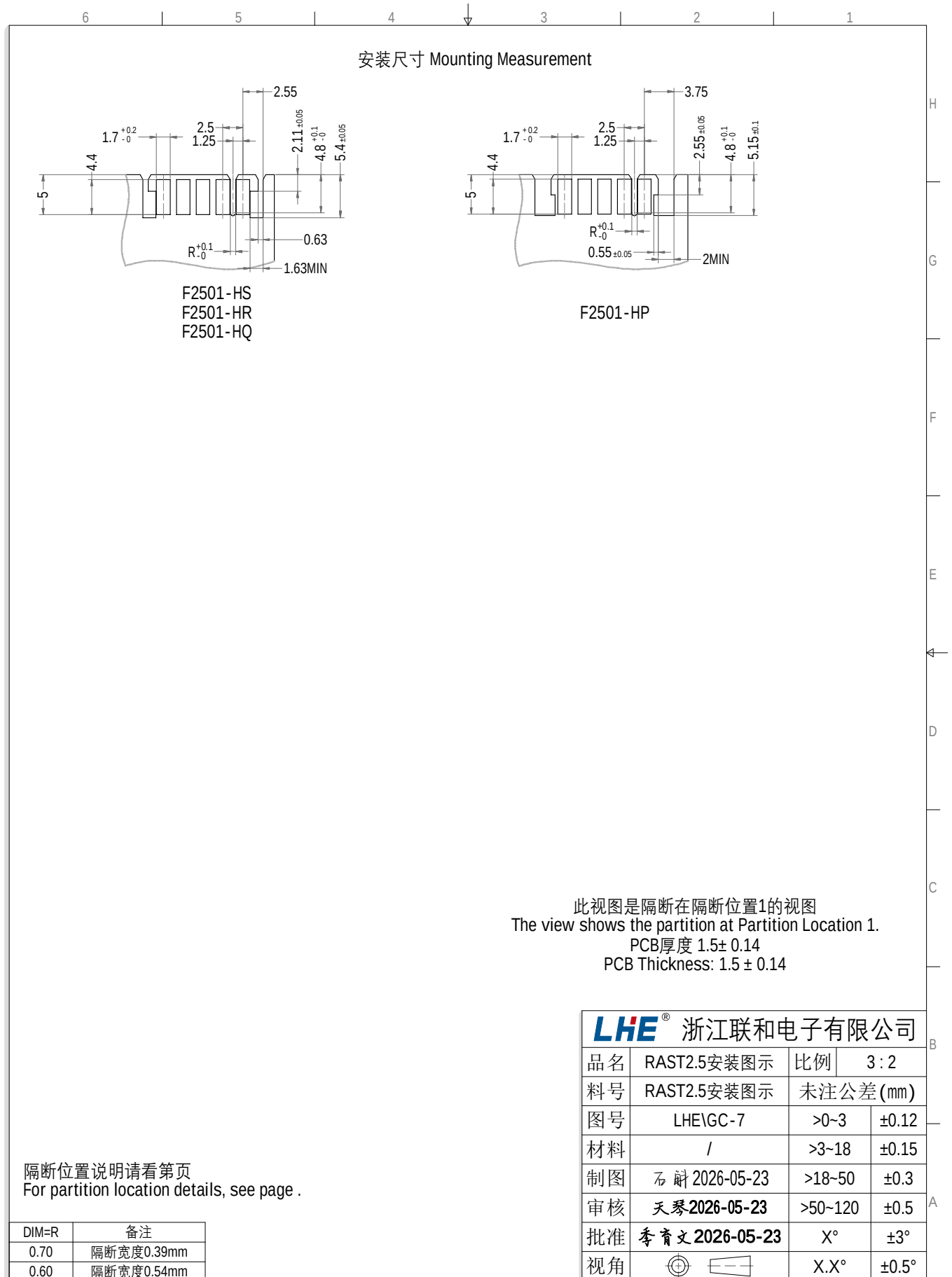
RAST2.5型连接器安装尺寸Mounting Measurement



RAST2.5型连接器安装尺寸Mounting Measurement



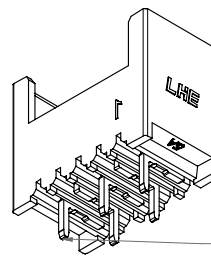
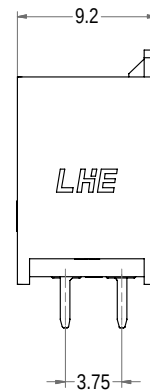
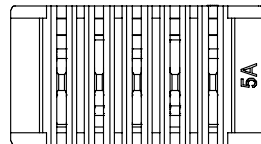
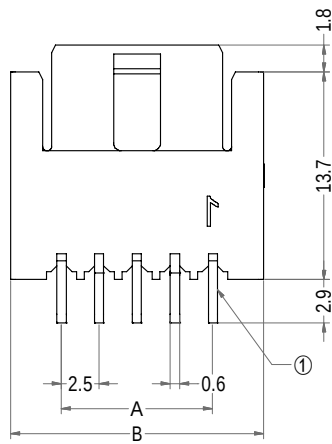
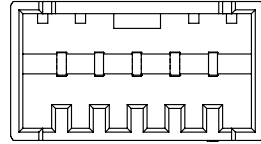
RAST2.5型连接器安装尺寸Mounting Measurement



RAST2.5型连接器承认书图面

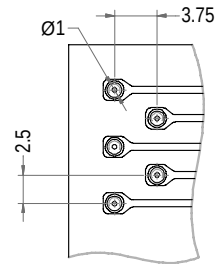


名 称	材 料	数 量	附 注
基座 Housing	(灼热丝V0)-G	1	本色750℃
针 Wafer	黄铜镀锡 Brass Tin	N	



最后一根引脚所有孔位位置不变
都在上方

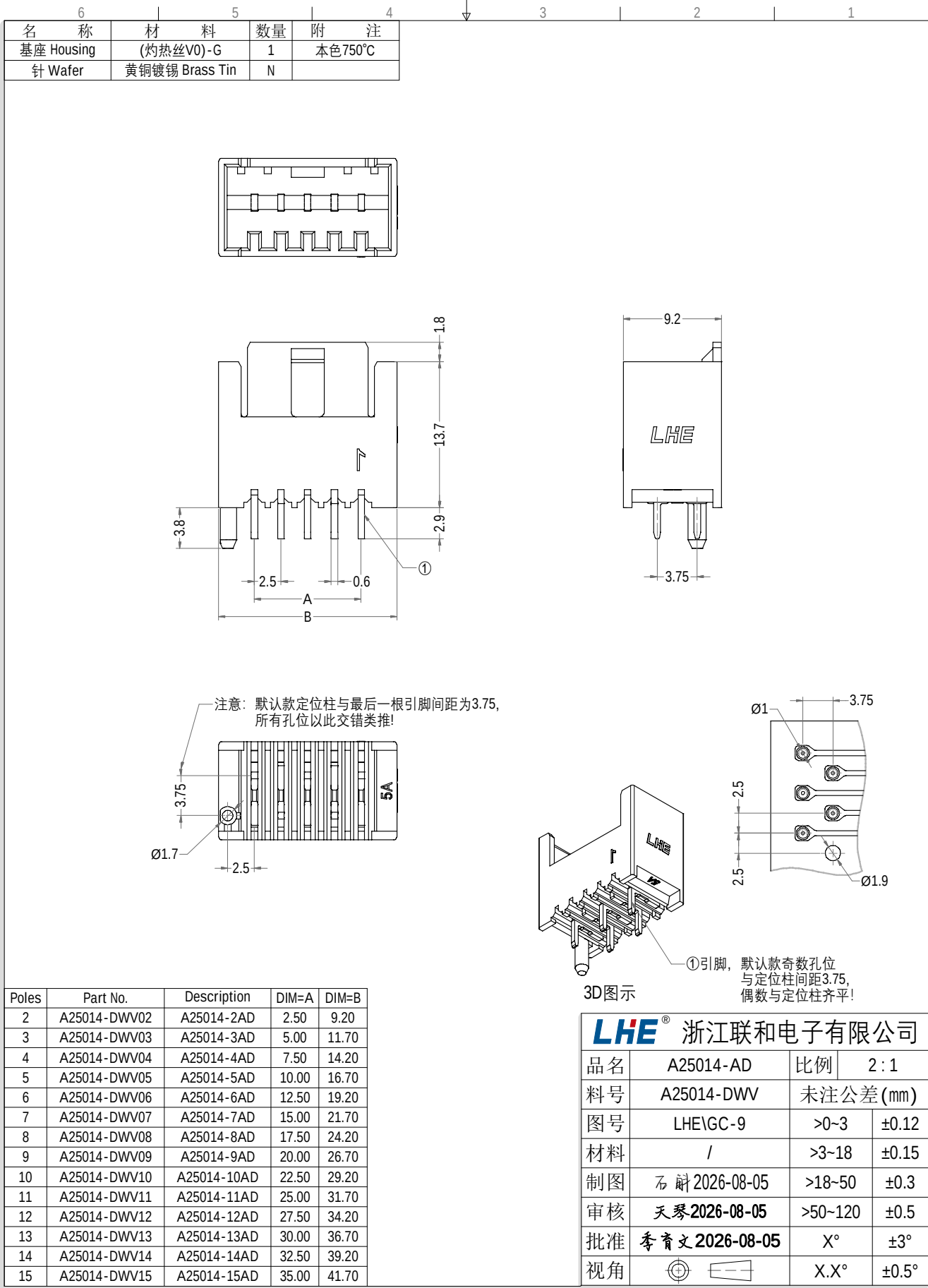
3D图示



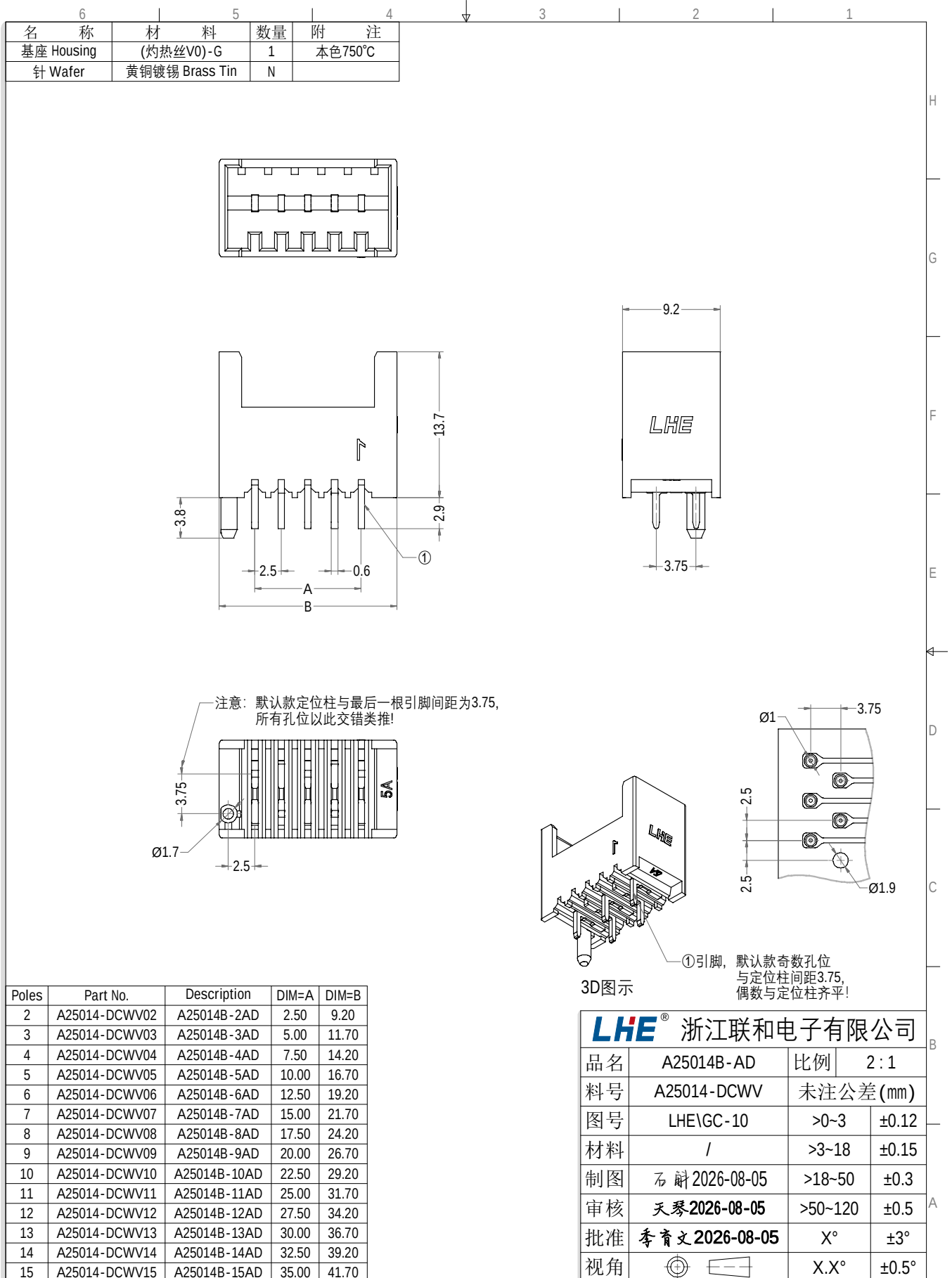
Poles	Part No.	Description	DIM=A	DIM=B
2	A25014-WV02	A25014-2A	2.50	9.20
3	A25014-WV03	A25014-3A	5.00	11.70
4	A25014-WV04	A25014-4A	7.50	14.20
5	A25014-WV05	A25014-5A	10.00	16.70
6	A25014-WV06	A25014-6A	12.50	19.20
7	A25014-WV07	A25014-7A	15.00	21.70
8	A25014-WV08	A25014-8A	17.50	24.20
9	A25014-WV09	A25014-9A	20.00	26.70
10	A25014-WV10	A25014-10A	22.50	29.20
11	A25014-WV11	A25014-11A	25.00	31.70
12	A25014-WV12	A25014-12A	27.50	34.20
13	A25014-WV13	A25014-13A	30.00	36.70
14	A25014-WV14	A25014-14A	32.50	39.20
15	A25014-WV15	A25014-15A	35.00	41.70

LHE® 浙江联和电子有限公司			
品名	A25014-A	比例	2 : 1
料号	A25014-WV	未注公差(mm)	
图号	LHE\GC-8	>0~3	±0.12
材料	/	>3~18	±0.15
制图	石 斛 2026-08-05	>18~50	±0.3
审核	天 琴 2026-08-05	>50~120	±0.5
批准	季 育 文 2026-08-05	X°	±3°
视角		X.X°	±0.5°

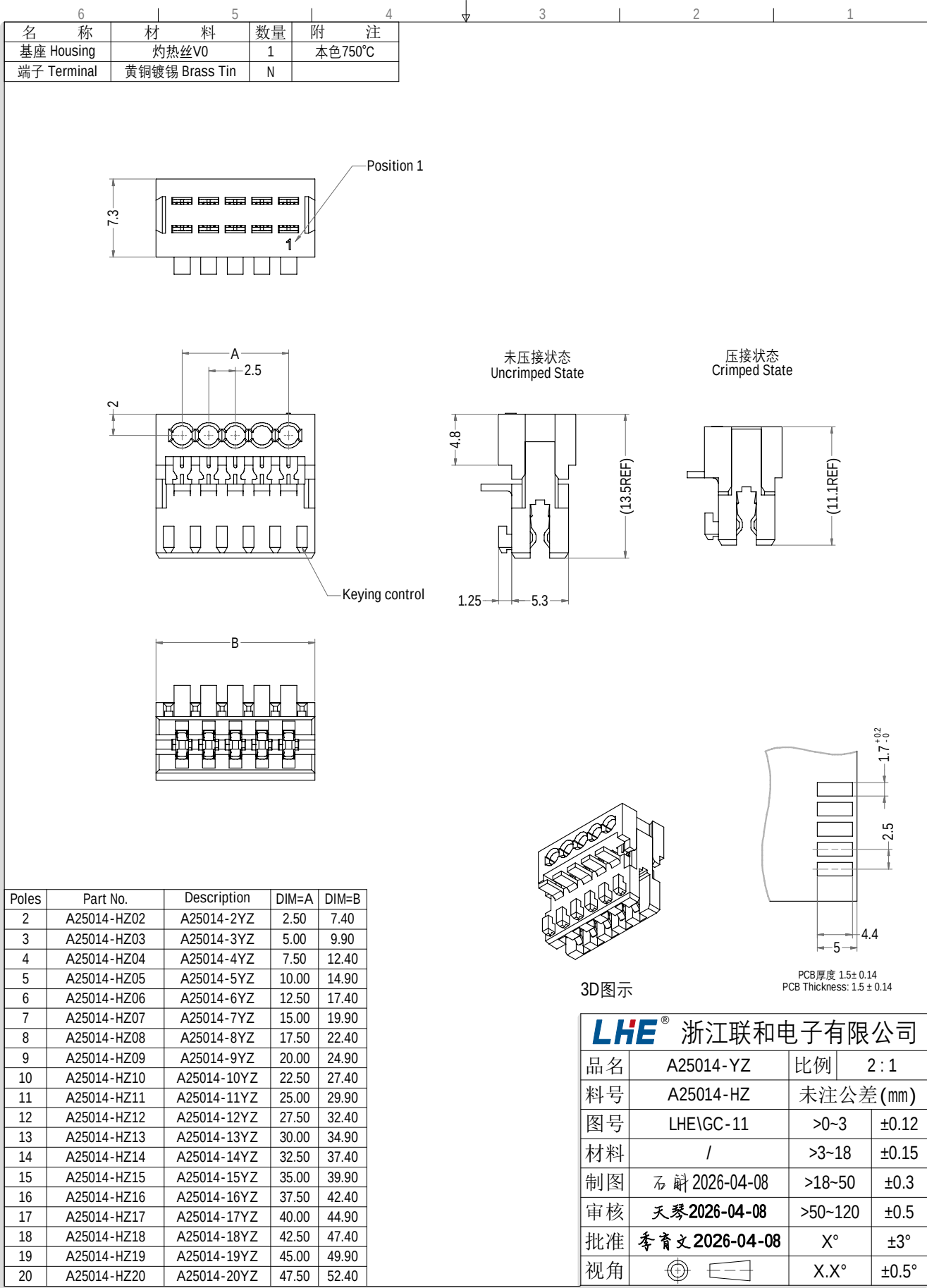
RAST2.5型连接器承认书图面



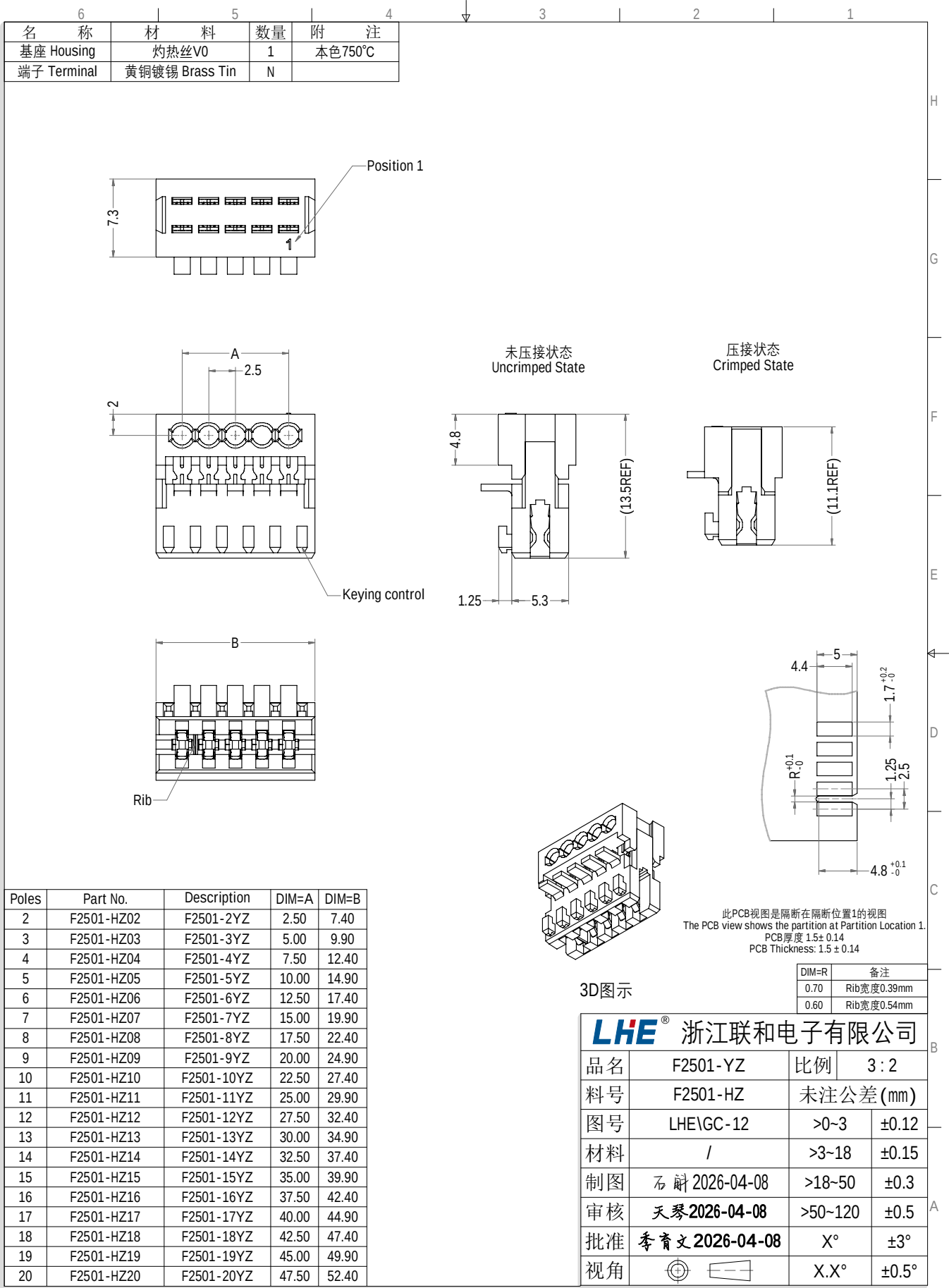
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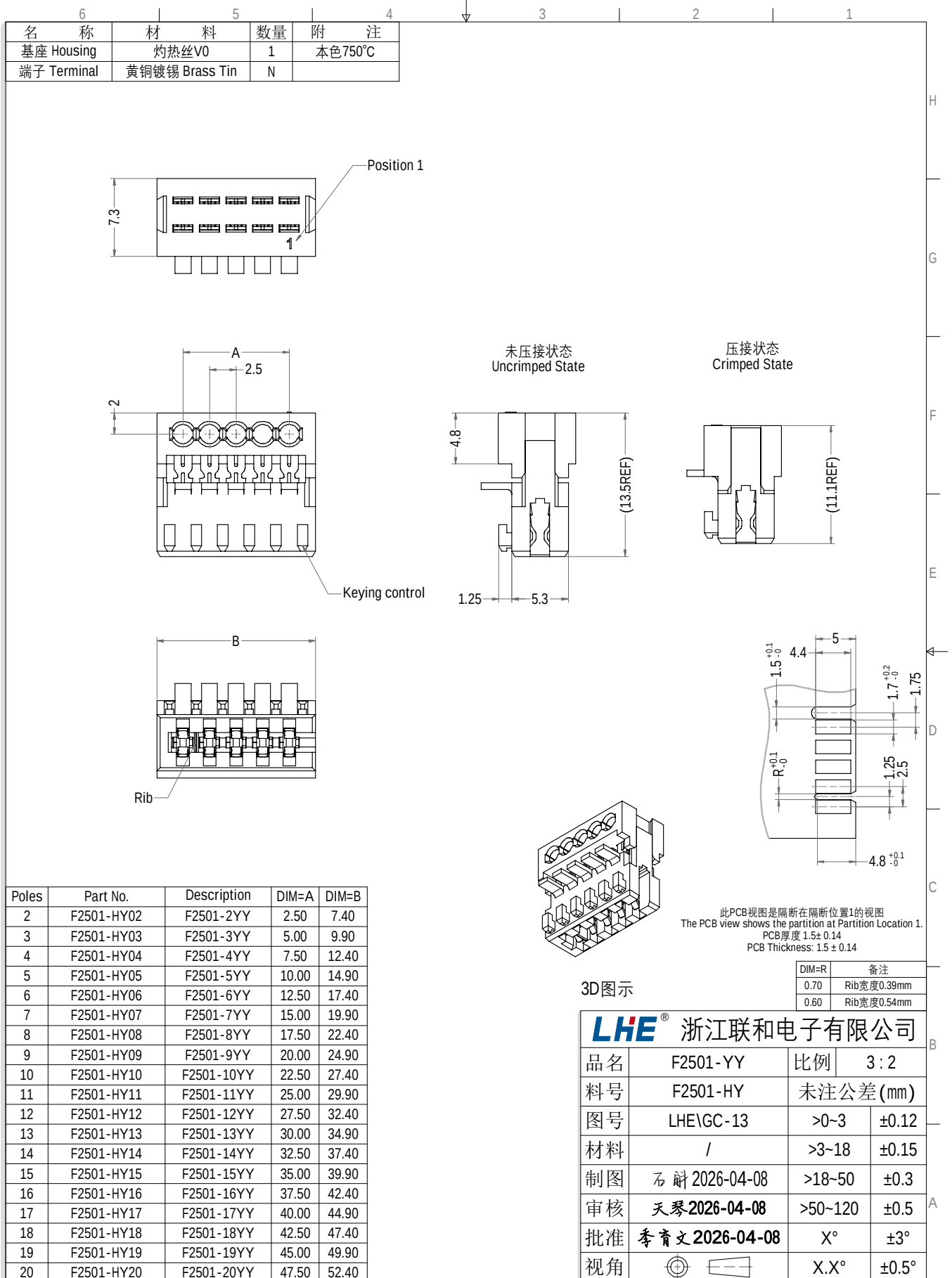
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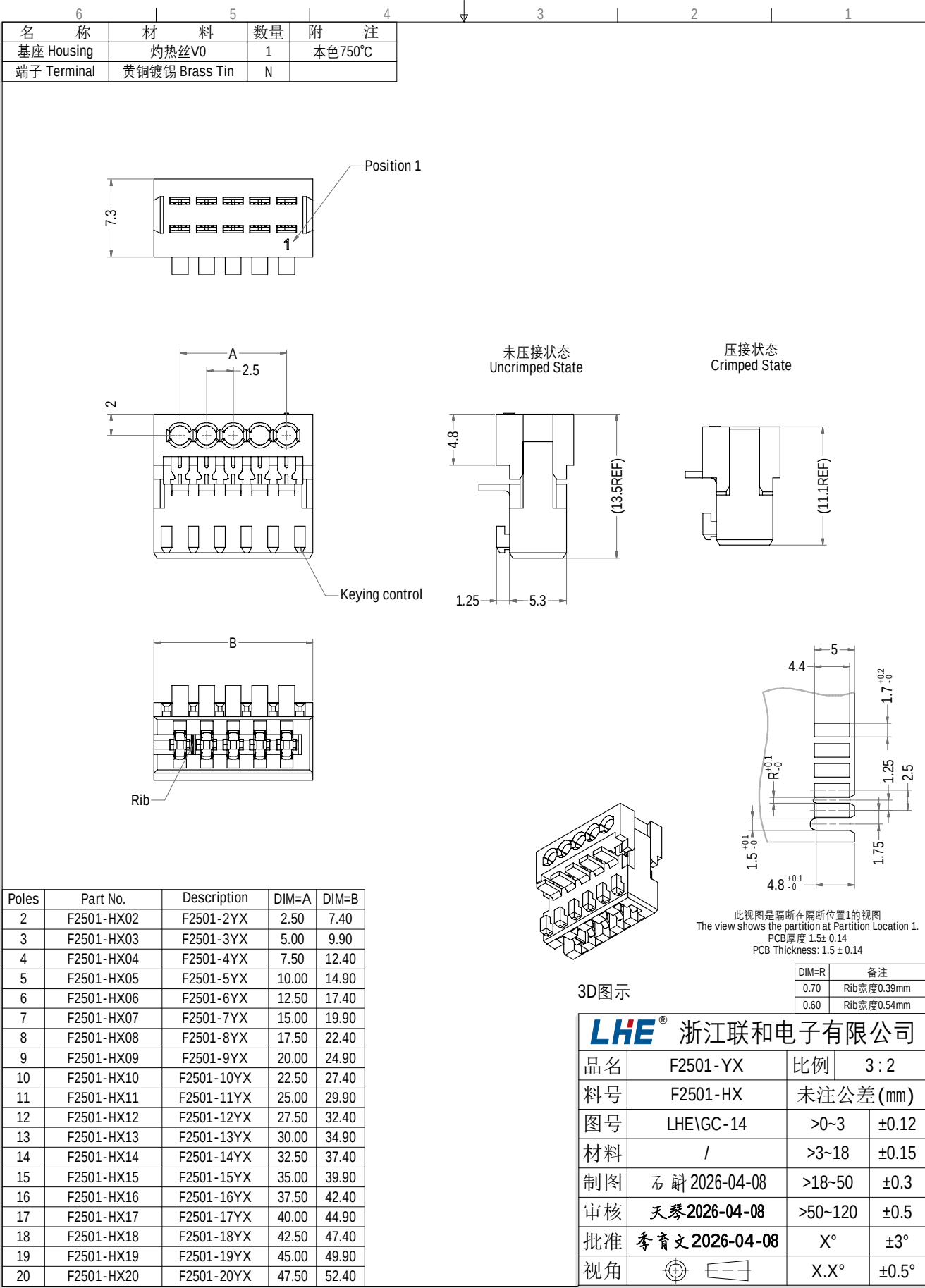
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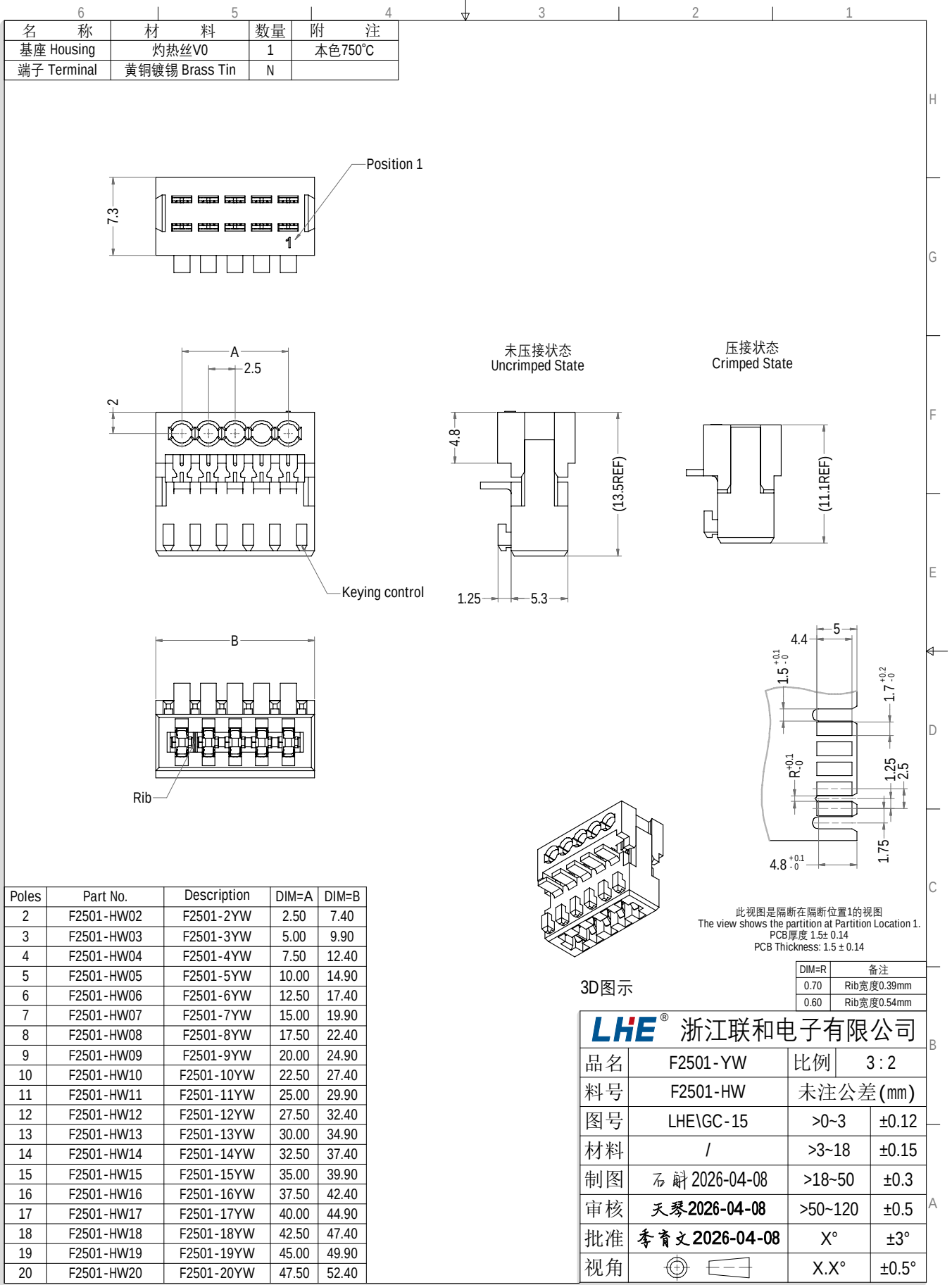
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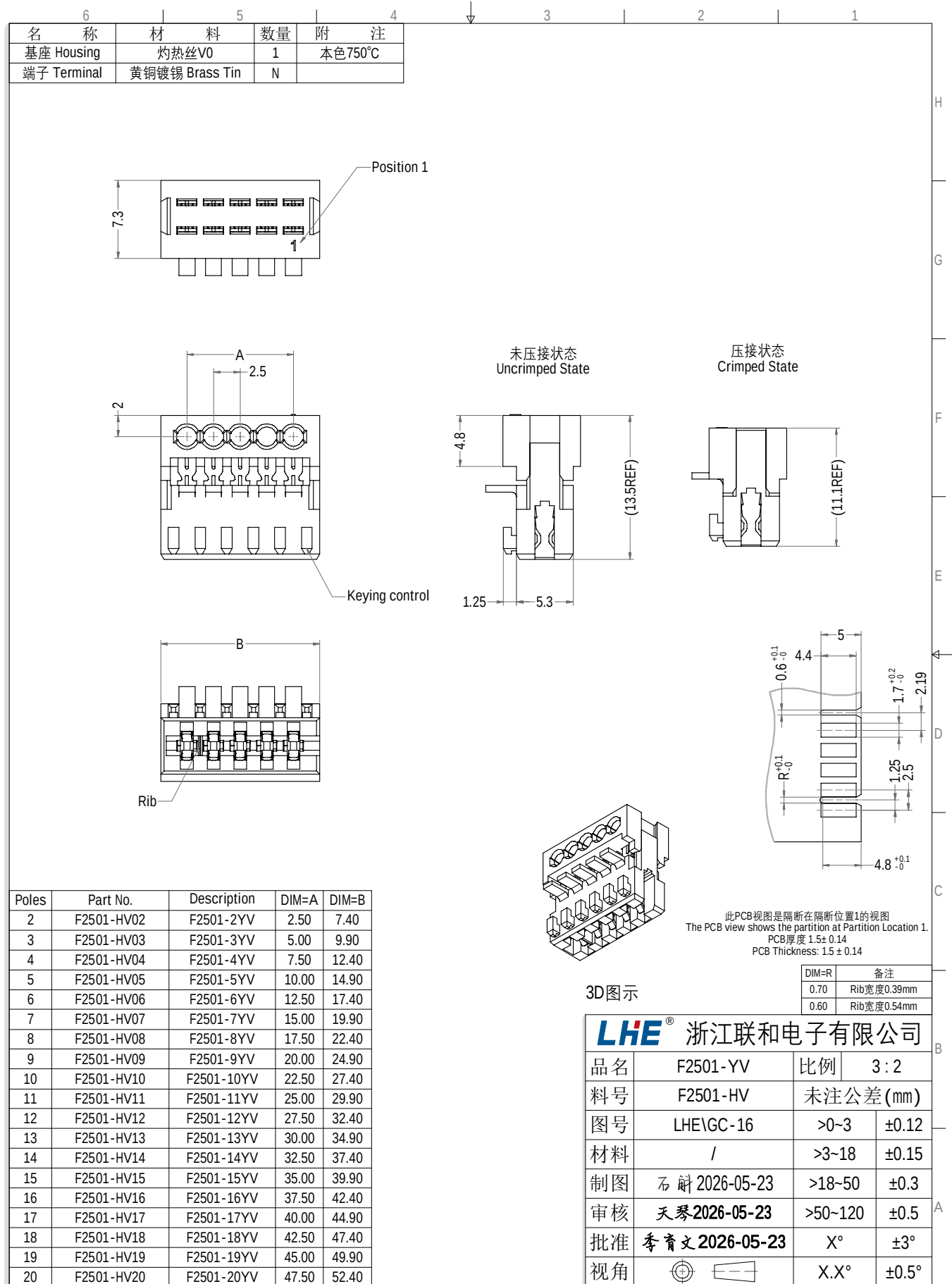
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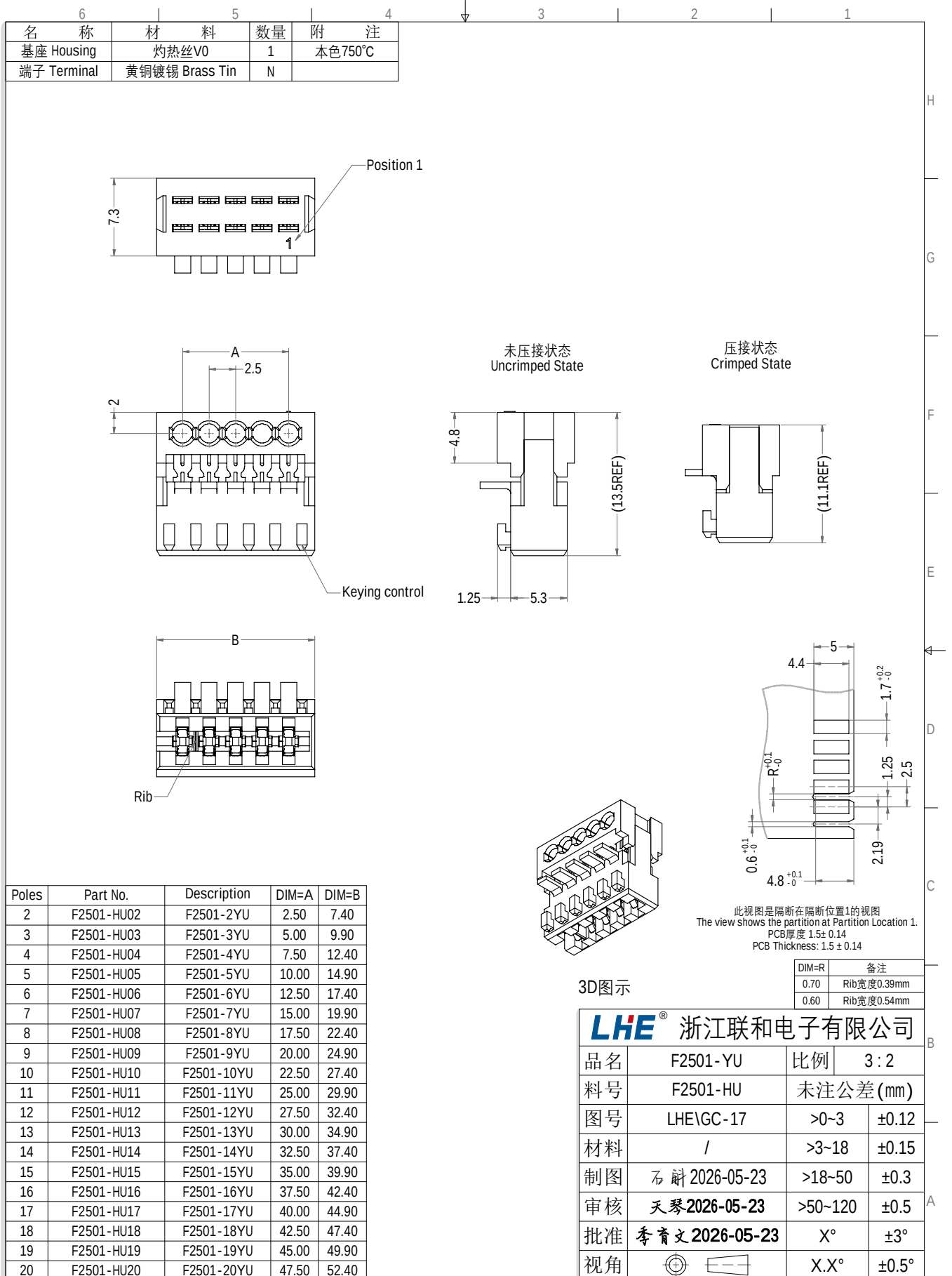
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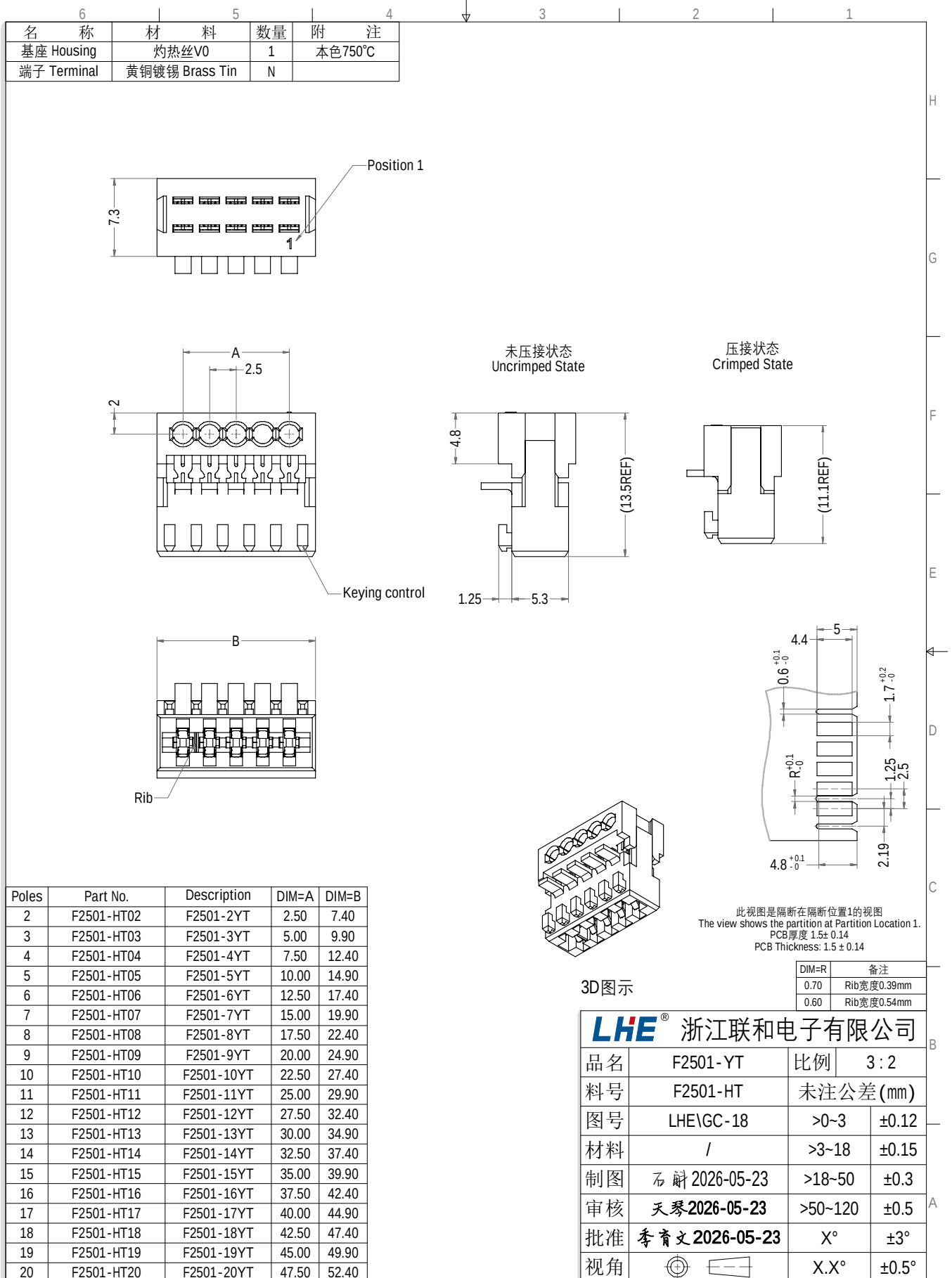
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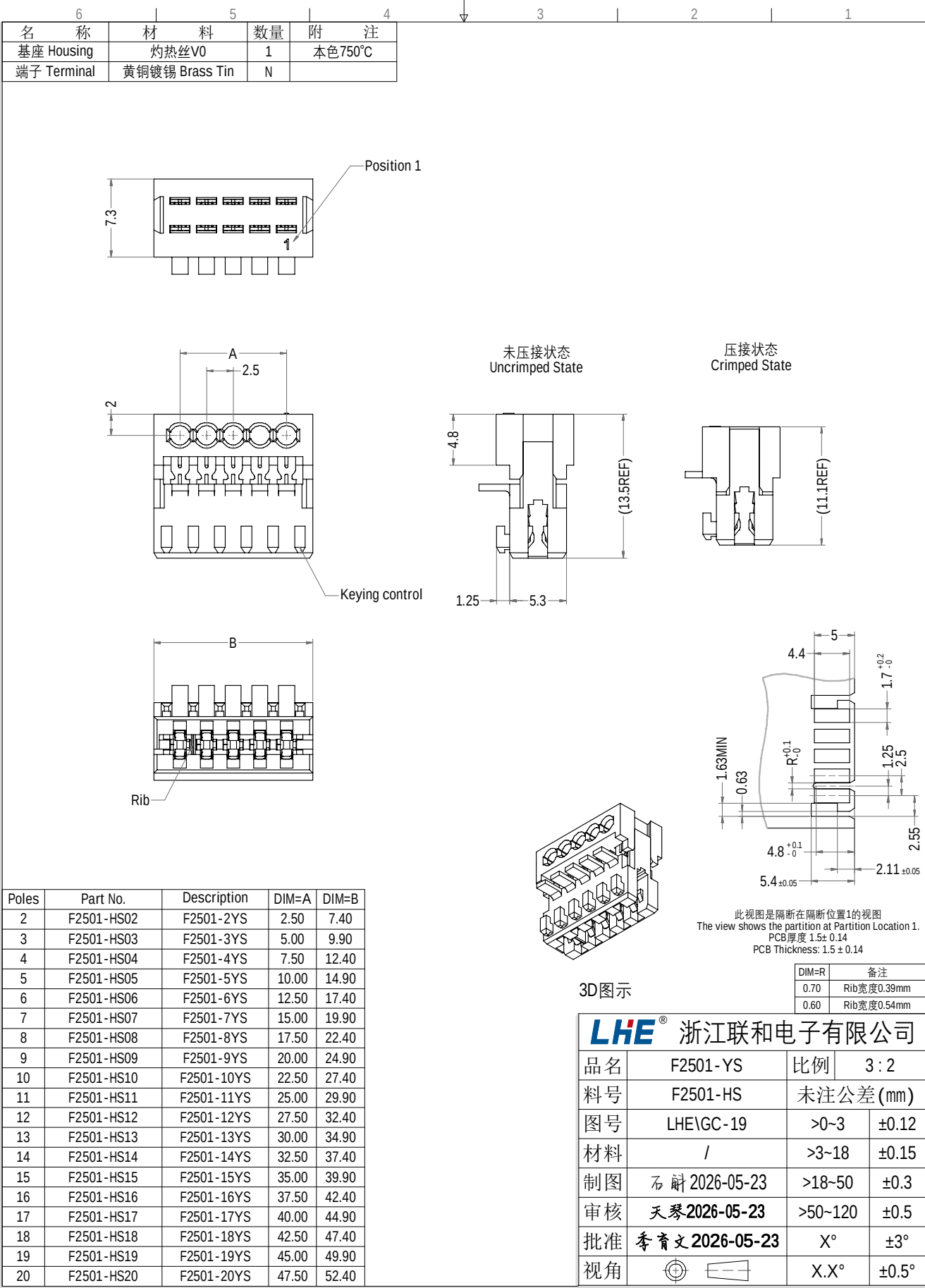
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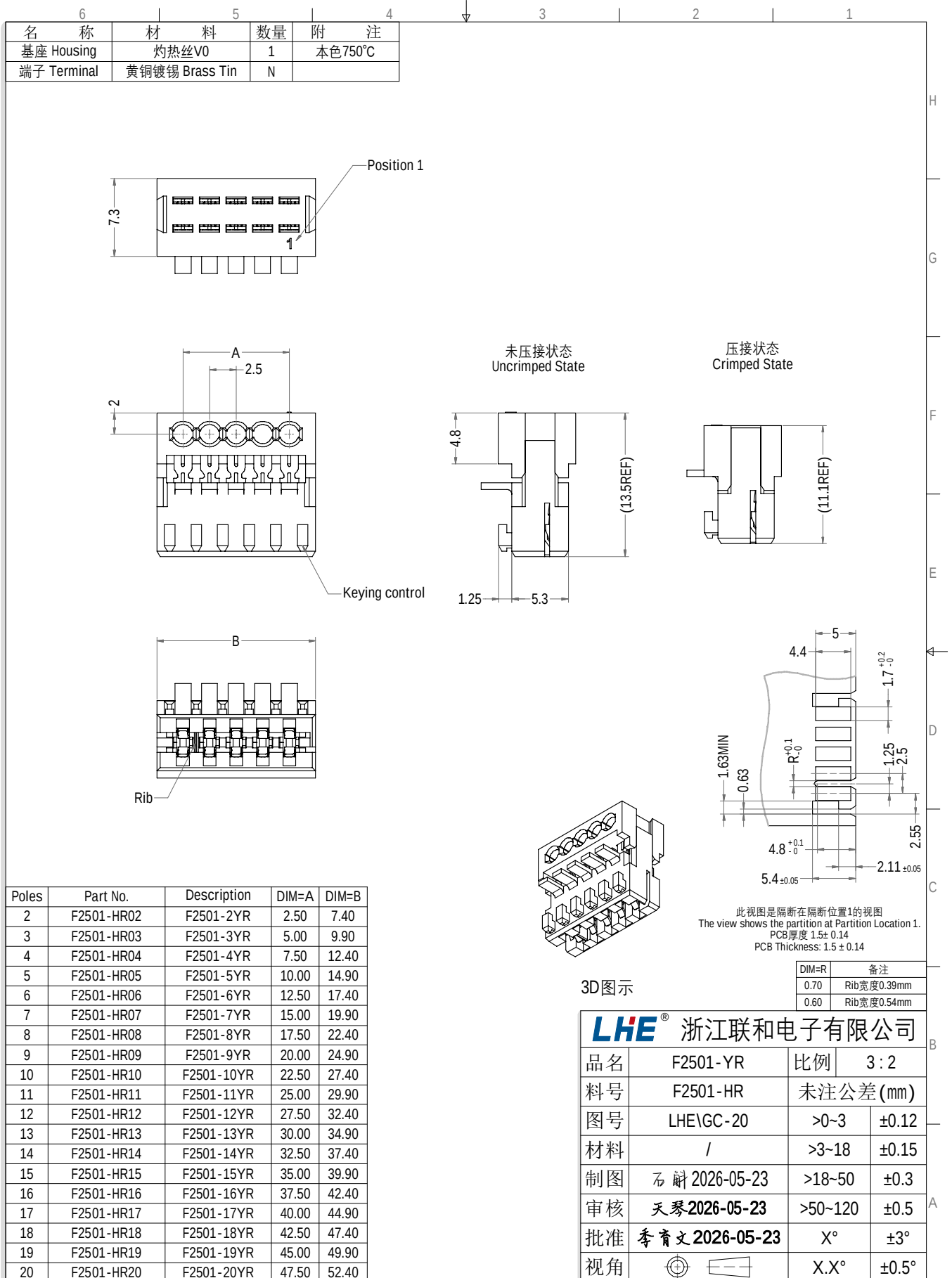
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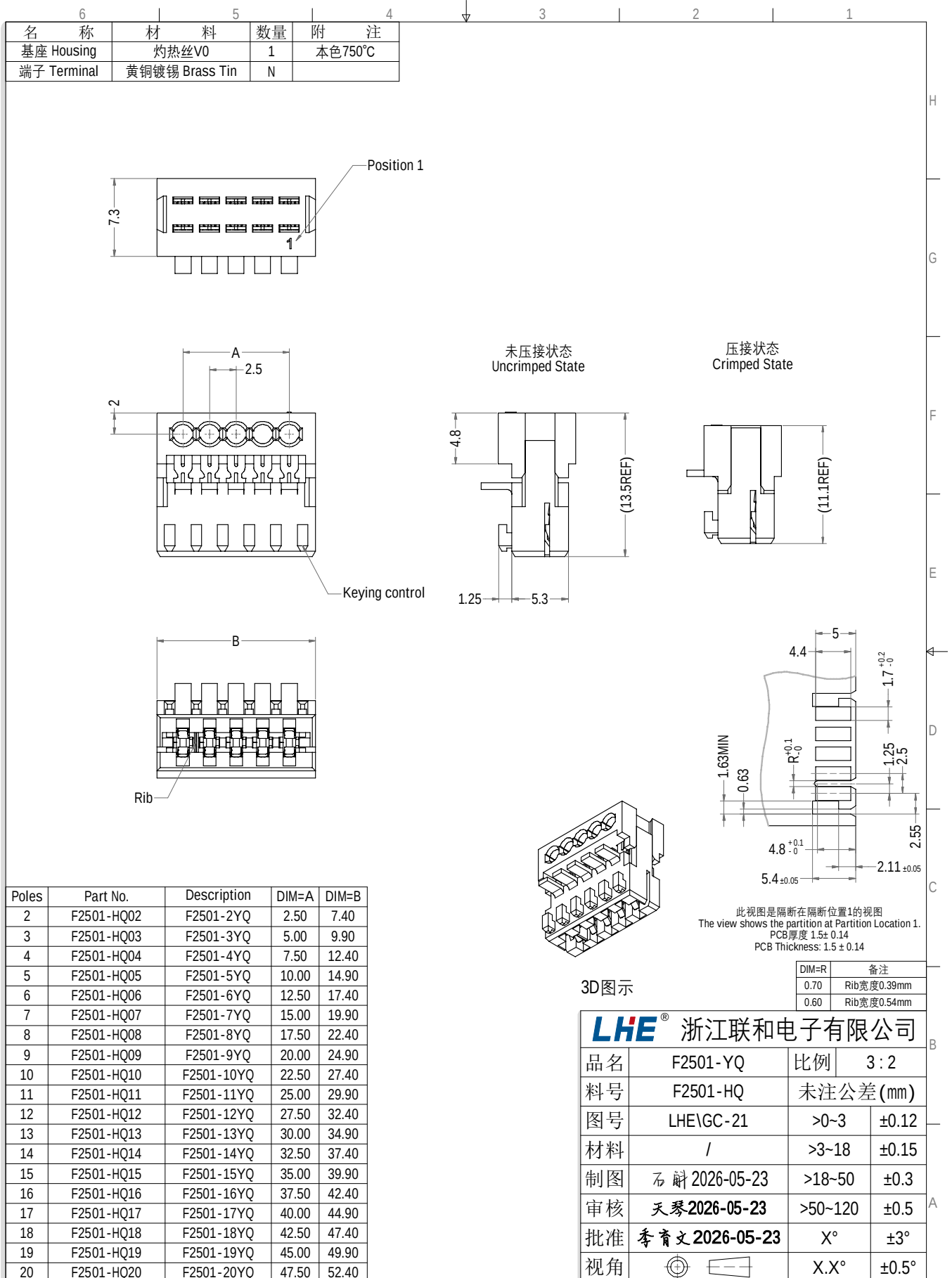
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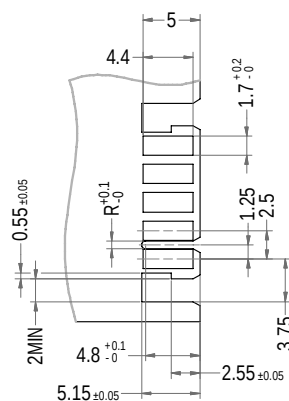
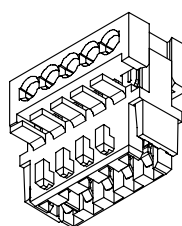
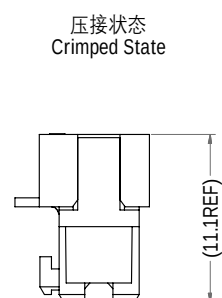
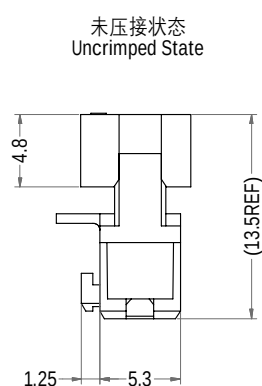
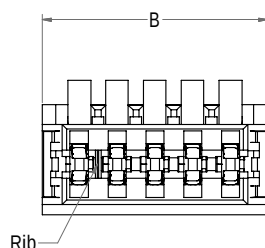
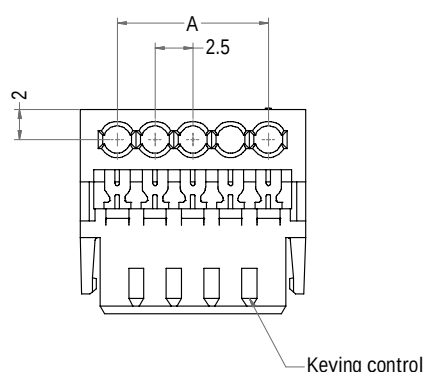
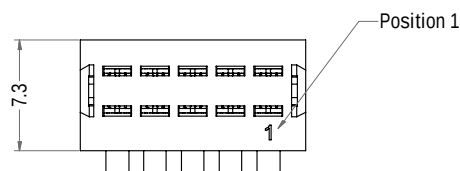


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RAST2.5型连接器承认书图面

6		5		4	
名 称		材 料		数量	附 注
基座 Housing		灼热丝V0		1	本色750℃
端子 Terminal		黄铜镀锡 Brass Tin		N	



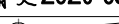
此视图是隔断在隔断位置1的视图
The view shows the partition at Partition Location 1.
PCB厚度 1.5±0.14
PCB Thickness: 1.5 ± 0.14

Poles	Part No.	Description	DIM=A	DIM=B
3	F2501-HP03	F2501-3YP	5.00	9.90
4	F2501-HP04	F2501-4YP	7.50	12.40
5	F2501-HP05	F2501-5YP	10.00	14.90
6	F2501-HP06	F2501-6YP	12.50	17.40
7	F2501-HP07	F2501-7YP	15.00	19.90
8	F2501-HP08	F2501-8YP	17.50	22.40
9	F2501-HP09	F2501-9YP	20.00	24.90
10	F2501-HP10	F2501-10YP	22.50	27.40
11	F2501-HP11	F2501-11YP	25.00	29.90
12	F2501-HP12	F2501-12YP	27.50	32.40
13	F2501-HP13	F2501-13YP	30.00	34.90
14	F2501-HP14	F2501-14YP	32.50	37.40
15	F2501-HP15	F2501-15YP	35.00	39.90
16	F2501-HP16	F2501-16YP	37.50	42.40
17	F2501-HP17	F2501-17YP	40.00	44.90
18	F2501-HP18	F2501-18YP	42.50	47.40
19	F2501-HP19	F2501-19YP	45.00	49.90
20	F2501-HP20	F2501-20YP	47.50	52.40

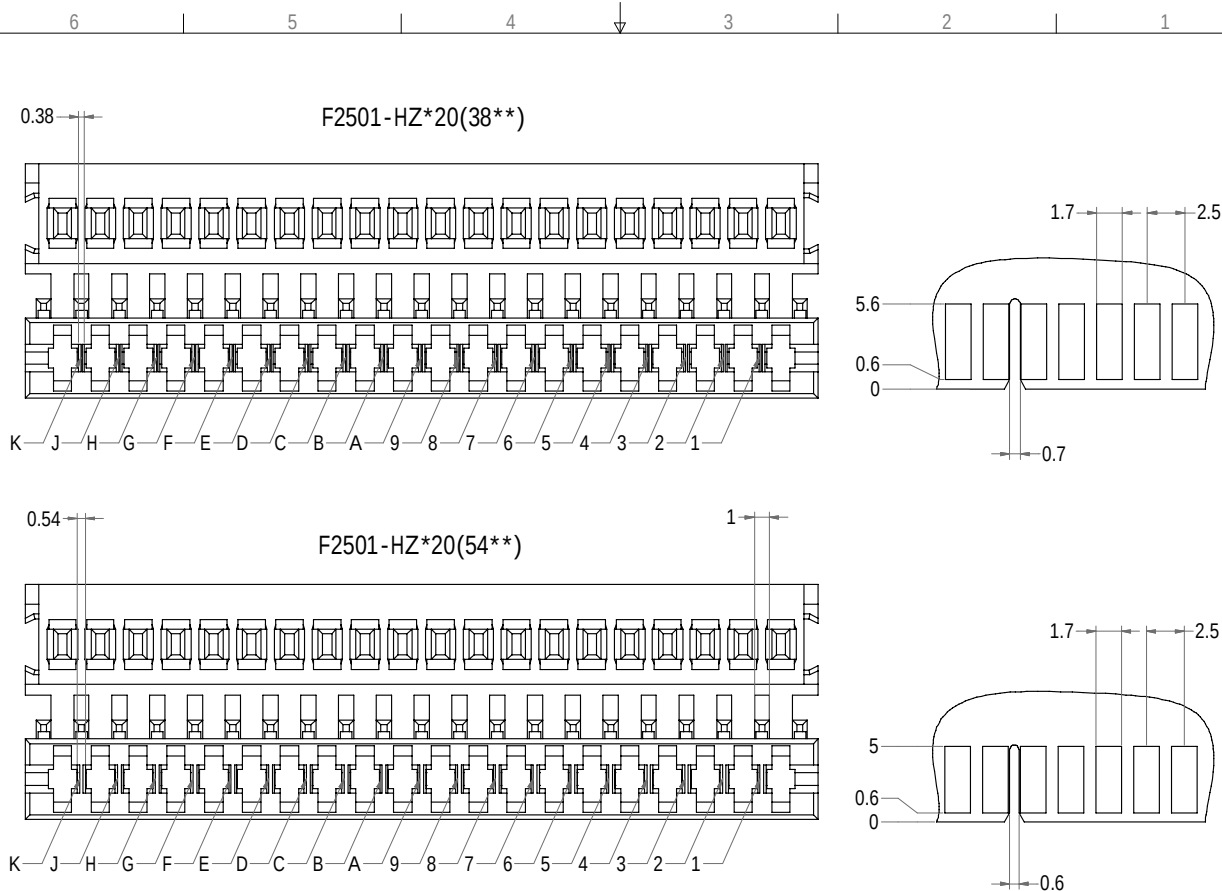
3D图示

DIM=R	备注
0.70	Rib宽度0.39mm
0.60	Rib宽度0.54mm

LHE[®] 浙江联和电子有限公司

品名	F2501-YP	比例	3:2
料号	F2501-HP	未注公差(mm)	
图号	LHE\GC-22	>0~3	±0.12
材料	/	>3~18	±0.15
制图	石斛 2026-05-23	>18~50	±0.3
审核	天琴 2026-05-23	>50~120	±0.5
批准	季育文 2026-05-23	X°	±3°
视角		X.X°	±0.5°

RAST2.5型连接器承认书图面



Note:

上方视图为F2501-HZE20(38**), 隔断宽度 0.38mm

下方视图为F2501-HZE20(54**), 隔断宽度 0.54mm

"**"为隔断对应位置

隔断位置编号从右至左依次为

1, 2, 3, 4, 5, 6, 7, 8, 9, A, B, C, D, E, F, G, H, J, K。

Top: F2501-HZE20(39**), rib thickness 0.39mm

Bottom: F2501-HZE20(54**), rib thickness 0.54mm

"**" indicates the corresponding barrier position.

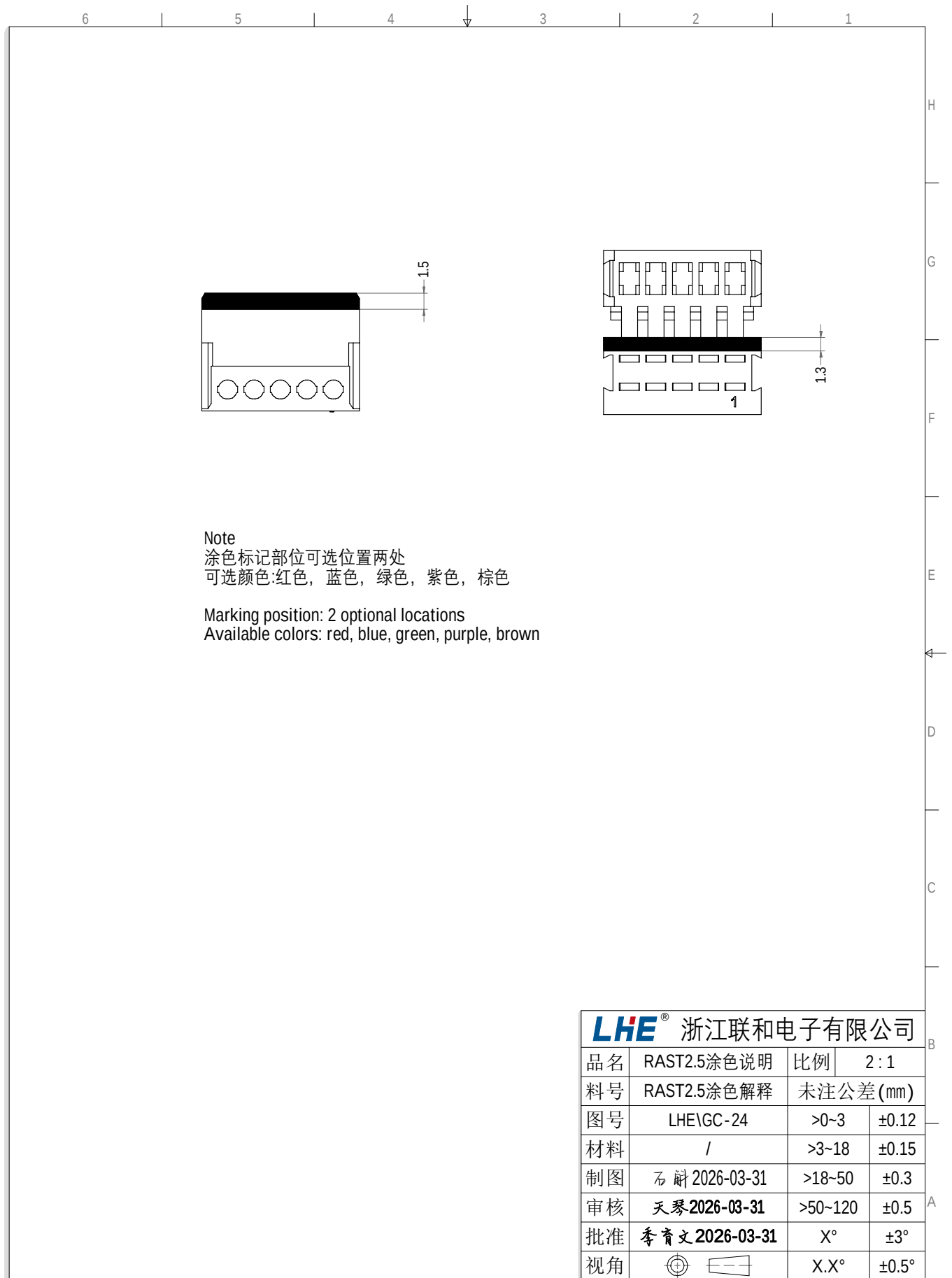
Barrier positions are numbered from right to left as follows:

1, 2, 3, 4, 5, 6, 7, 8, 9, A, B, C, D, E, F, G, H, J, K.

LHE[®] 浙江联和电子有限公司

品名	F2501-YZE隔断说明	比例	2:1
料号	F2501-HZE隔断说明	未注公差(mm)	
图号	LHEIGC-23	>0~3	±0.12
材料	/	>3~18	±0.15
制图	石 翊 2026-03-31	>18~50	±0.3
审核	天 琴 2026-03-31	>50~120	±0.5
批准	李 育 文 2026-03-31	X°	±3°
视角		X.X°	±0.5°

RAST2.5型连接器承认书图面



RAST2.5型连接器承认书图面



2孔 2 POL							
缺失位置 removed position	防呆编号 keying code	线端图示 Wire End Diagram		板端图示 Board End Diagram			
/	/		已完成 Finished		已完成 Finished	H	
3	C		待开发 Upcoming		已完成 Finished		
1 3	E		待开发 Upcoming		已完成 Finished	G	
1 2 3	F		待开发 Upcoming		已完成 Finished		
2	G		待开发 Upcoming			F	
2 3	I		待开发 Upcoming			E	
1	J		待开发 Upcoming		已完成 Finished	D	
2	K		待开发 Upcoming			C	
						B	
						A	

Note:

缺口仅表示塑件定位柱防呆状态

The notch indicates only the coding key status of the plastic part.

LHE® 浙江联和电子有限公司			
品名	2P防呆	比例	1 : 1
料号	2P防呆	未注公差 (mm)	
图号	LHE\GC-25	>0~3	±0.12
材料	/	>3~18	±0.15
制图	石 斛 2026-7-25	>18~50	±0.3
审核	天 琴 2026-7-25	>50~120	±0.5
批准	李 育 文 2026-7-25	X°	±3°
视角		X.X°	±0.5°

RAST2.5型连接器承认书图面



6		5		4		3		2		1	
3孔 3 POL											
缺失位置 removed position		防呆编号 keying code		线端图示 Wire End Diagram				板端图示 Board End Diagram			
/		/				已完成 Finished				已完成 Finished	
2		C				待开发 Upcoming				已完成 Finished	
1		E				待开发 Upcoming				已完成 Finished	
1 3		F				待开发 Upcoming				已完成 Finished	
1 2		H				待开发 Upcoming				已完成 Finished	
4		I				待开发 Upcoming				已完成 Finished	
2 3		J				待开发 Upcoming				已完成 Finished	
2 4		K				待开发 Upcoming				已完成 Finished	
1 2 3 4		L				待开发 Upcoming				已完成 Finished	
1 4		M				待开发 Upcoming				已完成 Finished	
1 2 3		N				待开发 Upcoming				①	
1 2 4		O				待开发 Upcoming				①	
1 3 4		P				待开发 Upcoming				①	
2 3 4		Q				待开发 Upcoming					
3		R				待开发 Upcoming				已完成 Finished	
3 4		S				待开发 Upcoming				已完成 Finished	

RAST2.5型连接器承认书图面



6 5 4 3 2 1							
4孔 4 POL							
缺失位置 removed position	防呆编号 keying code	线端图示 Wire End Diagram		板端图示 Board End Diagram			
/	/		已完成 Finished		已完成 Finished	H	
2 3 4	C		待开发 Upcoming		已完成 Finished		
2 3	E		待开发 Upcoming		已完成 Finished		
3 4	F		待开发 Upcoming		已完成 Finished		
4 5	H		待开发 Upcoming		已完成 Finished		
1	I		待开发 Upcoming			G	
2	J		待开发 Upcoming				
3	K		待开发 Upcoming				
4	L		待开发 Upcoming				
5	M		待开发 Upcoming				
1 2	N		待开发 Upcoming			F	
1 3	O		待开发 Upcoming				
1 4	P		待开发 Upcoming				
1 5	Q		待开发 Upcoming				
2 4	R		待开发 Upcoming				
2 5	S		待开发 Upcoming			E	
3 5	T		待开发 Upcoming				
1 2 3	U		待开发 Upcoming				
1 2 4	V		待开发 Upcoming				
1 4 5	X		待开发 Upcoming				
2 3 5	Y		待开发 Upcoming			D	
2 4 5	Z		待开发 Upcoming				

Note:

缺口仅表示塑件定位柱防呆状态

The notch indicates only the coding key status of the plastic part.

"①" 为 F2501-HP 可生产防呆

"①" indicates F2501-HP producible fool-proofing.

LHE® 浙江联和电子有限公司			
品名	4P防呆	比例	1 : 1
料号	4P防呆	未注公差(mm)	
图号	LHEIGC-27	>0~3	±0.12
材料	/	>3~18	±0.15
制图	石 斛 2026-7-25	>18~50	±0.3
审核	天 琴 2026-7-25	>50~120	±0.5
批准	季 育 文 2026-7-25	X°	±3°
视角		X.X°	±0.5°

Web: www.lhecn.com www.lhe.en.alibaba.com Tel: 86-0577-62383668 0577-62383212 Fax: 86-0577-62382566 page 28 of 86

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RAST2.5型连接器承认书图面



6	5	4	3	2	1
5孔 5 POL					
缺失位置 removed position	防呆编号 keying code	线端图示 Wire End Diagram		板端图示 Board End Diagram	
3 4	CA		待开发 Upcoming		已完成 Finished
2 4 8	CB		待开发 Upcoming		已完成 Finished
2 4	CC		待开发 Upcoming		
3 6	CD		待开发 Upcoming		
4 5	CE		待开发 Upcoming		
4 6	CF		待开发 Upcoming		
1 2 3	CG		待开发 Upcoming		
1 2 4	CH		待开发 Upcoming		
1 2 5	CI		待开发 Upcoming		
1 2 6	CJ		待开发 Upcoming	①	
1 3 4	CK		待开发 Upcoming		
1 3 5	CL		待开发 Upcoming		
1 4 5	CM		待开发 Upcoming		
1 4 6	CN		待开发 Upcoming	①	
1 5 6	CO		待开发 Upcoming	①	
2 3 5	CP		待开发 Upcoming		
2 3 6	CQ		待开发 Upcoming		
2 4 5	CR		待开发 Upcoming		
2 4 6	CS		待开发 Upcoming		
2 5 6	CT		待开发 Upcoming		
3 4 5	CU		待开发 Upcoming		
3 5 6	CV		待开发 Upcoming		

Note:

缺口仅表示塑件定位柱防呆状态

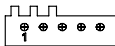
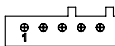
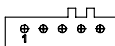
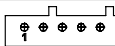
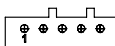
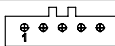
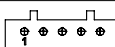
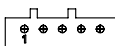
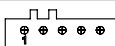
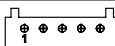
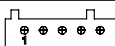
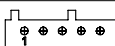
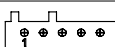
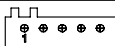
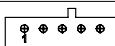
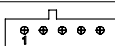
The notch indicates only the coding key status of the plastic part.

" ① "为 F2501-HP 可生产防呆

"①" indicates F2501-HP producible fool-proofing.

LHE® 浙江联和电子有限公司			
品名	5P防呆	比例	1 : 1
料号	5P防呆	未注公差(mm)	
图号	LHE\GC-30	>0~3	±0.12
材料	/	>3~18	±0.15
制图	石 斛 2026-07-25	>18~50	±0.3
审核	天琴 2026-07-25	>50~120	±0.5
批准	李育文 2026-07-25	X°	±3°
视角		X.X°	±0.5°

RAST2.5型连接器承认书图面

5孔 5 POL							
缺失位置 removed position	防呆编号 keying code	线端图示 Wire End Diagram	板端图示 Board End Diagram				
4 5 6	CW		待开发 Upcoming				
1 2 3 5	CX		待开发 Upcoming				
1 2 3 6	CY		待开发 Upcoming	①			
1 2 4 5	CZ		待开发 Upcoming				
1 2 4 6	EA		待开发 Upcoming	①			
1 2 5 6	EB		待开发 Upcoming	①			
1 3 4 6	EC		待开发 Upcoming	①			
1 3 5 6	ED		待开发 Upcoming	①			
1 4 5 6	EE		待开发 Upcoming	①			
2 3 4 5	EF		待开发 Upcoming				
2 3 4 6	EG		待开发 Upcoming				
2 3 5 6	EH		待开发 Upcoming				
2 4 5 6	EI		待开发 Upcoming				
3 4 5 6	EJ		待开发 Upcoming				
1 2 3 4 5	EK		待开发 Upcoming				
1 2 3 4 6	EL		待开发 Upcoming	①			
1 2 3 5 6	EM		待开发 Upcoming	①			
1 2 4 5 6	EN		待开发 Upcoming	①			
1 3 4 5 6	EO		待开发 Upcoming	①			
1 2 3 4 5 6	EP		待开发 Upcoming	①			

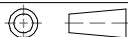
Note:

缺口仅表示塑件定位柱防呆状态

The notch indicates only the coding key status of the plastic part.

"①" 为 F2501-HP 可生产防呆

"①" indicates F2501-HP producible fool-proofing.

LHE® 浙江联和电子有限公司			
品名	5P防呆	比例	1 : 1
料号	5P防呆	未注公差(mm)	
图号	LHE\GC-31	>0~3	±0.12
材料	/	>3~18	±0.15
制图	石 斛 2026-07-25	>18~50	±0.3
审核	天 琴 2026-07-25	>50~120	±0.5
批准	李 育 文 2026-07-25	X°	±3°
视角		X.X°	±0.5°

RAST2.5型连接器承认书图面



6孔 6 POL							
6	5	4	3	2	1		
缺失位置 removed position	防呆编号 keying code	线端图示 Wire End Diagram		板端图示 Board End Diagram			
/	/		待开发 Upcoming		已完成 Finished		
3 6	C		待开发 Upcoming		已完成 Finished		
4 6	E		待开发 Upcoming		已完成 Finished		
1	F		待开发 Upcoming				
3	H		待开发 Upcoming				
5	I		待开发 Upcoming				
6	J		待开发 Upcoming				
7	K		待开发 Upcoming				
1 2	L		待开发 Upcoming				
1 3	M		待开发 Upcoming				
1 4	N		待开发 Upcoming				
1 5	O		待开发 Upcoming				
1 6	P		待开发 Upcoming				
1 7	Q		待开发 Upcoming				
2 3	R		待开发 Upcoming				
2 4	S		待开发 Upcoming				
2 5	T		待开发 Upcoming				
2 6	U		待开发 Upcoming				
2 7	V		待开发 Upcoming				
3 5	X		待开发 Upcoming				
3 7	Y		待开发 Upcoming				
4 5	Z		待开发 Upcoming				

Note:

缺口仅表示塑件定位柱防呆状态

The notch indicates only the coding key status of the plastic part.

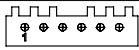
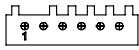
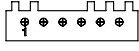
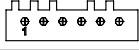
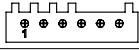
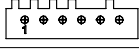
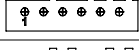
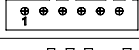
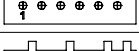
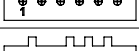
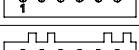
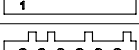
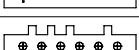
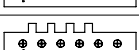
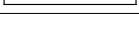
"①"为 F2501-HP 可生产防呆

"①" indicates F2501-HP producible fool-proofing.

LHE® 浙江联和电子有限公司

品名	6P防呆	比例	1 : 1
料号	6P防呆	未注公差(mm)	
图号	LHEIGC-32	>0~3	±0.12
材料	/	>3~18	±0.15
制图	石 斛 2026-07-25	>18~50	±0.3
审核	天 琴 2026-07-25	>50~120	±0.5
批准	李 育 文 2026-07-25	X°	±3°
视角		X.X°	±0.5°

RAST2.5型连接器承认书图面

6孔 6 POL		6孔 6 POL	
缺失位置 removed position	防呆编号 keying code	线端图示 Wire End Diagram	板端图示 Board End Diagram
4	CA	 待开发 Upcoming	 已完成 Finished
2	CB	 待开发 Upcoming	
3 4	CC	 待开发 Upcoming	
4 7	CD	 待开发 Upcoming	
5 6	CE	 待开发 Upcoming	
5 7	CF	 待开发 Upcoming	
6 7	CG	 待开发 Upcoming	
1 2 3	CH	 待开发 Upcoming	
1 2 4	CI	 待开发 Upcoming	
1 2 5	CJ	 待开发 Upcoming	
1 2 6	CK	 待开发 Upcoming	
1 2 7	CL	 待开发 Upcoming	①
1 3 4	CM	 待开发 Upcoming	
1 3 5	CN	 待开发 Upcoming	
1 3 6	CO	 待开发 Upcoming	
1 3 7	CP	 待开发 Upcoming	①
1 4 5	CQ	 待开发 Upcoming	
1 4 6	CR	 待开发 Upcoming	
1 4 7	CS	 待开发 Upcoming	①
1 5 6	CT	 待开发 Upcoming	
1 5 7	CU	 待开发 Upcoming	①
1 6 7	CV	 待开发 Upcoming	①

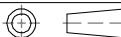
Note:

缺口仅表示塑件定位柱防呆状态

The notch indicates only the coding key status of the plastic part.

"①" 为 F2501-HP 可生产防呆

"①" indicates F2501-HP producible fool-proofing.

LHE® 浙江联和电子有限公司			
品名	6P防呆	比例	1 : 1
料号	6P防呆	未注公差(mm)	
图号	LHE\GC-33	>0~3	±0.12
材料	/	>3~18	±0.15
制图	石 斛 2026-07-25	>18~50	±0.3
审核	天 琴 2026-07-25	>50~120	±0.5
批准	季 育 文 2026-07-25	X°	±3°
视角		X.X°	±0.5°

RAST2.5型连接器承认书图面



6孔 6 POL					
缺失位置 removed position	防呆编号 keying code	线端图示 Wire End Diagram		板端图示 Board End Diagram	
2 3 4	CW		待开发 Upcoming		H
2 3 5	CX		待开发 Upcoming		
2 3 6	CY		待开发 Upcoming		
2 3 7	CZ		待开发 Upcoming		G
2 4 5	EA		待开发 Upcoming		
2 4 6	EB		待开发 Upcoming		
2 4 7	EC		待开发 Upcoming		
2 5 6	ED		待开发 Upcoming		F
2 5 7	EE		待开发 Upcoming		
2 6 7	EF		待开发 Upcoming		
3 4 5	EG		待开发 Upcoming		
3 4 6	EH		待开发 Upcoming		E
3 4 7	EI		待开发 Upcoming		
3 5 6	EJ		待开发 Upcoming		
3 5 7	EK		待开发 Upcoming		
3 6 7	EL		待开发 Upcoming		D
4 5 6	EM		待开发 Upcoming		
4 5 7	EN		待开发 Upcoming		
4 6 7	EO		待开发 Upcoming		
5 6 7	EP		待开发 Upcoming		C
1 2 3 4	EQ		待开发 Upcoming		
1 2 3 5	ER		待开发 Upcoming		

Note:

缺口仅表示塑件定位柱防呆状态

The notch indicates only the coding key status of the plastic part.

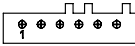
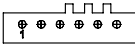
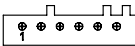
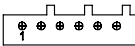
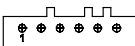
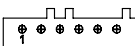
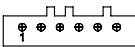
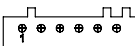
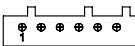
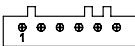
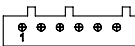
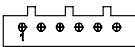
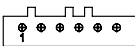
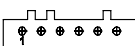
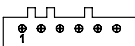
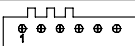
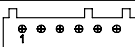
"①"为 F2501-HP 可生产防呆

"①" indicates F2501-HP producible fool-proofing.

LHE® 浙江联和电子有限公司			
品名	6P防呆	比例	1 : 1
料号	6P防呆	未注公差(mm)	
图号	LHEIGC-34	>0~3	±0.12
材料	/	>3~18	±0.15
制图	石 斛 2026-07-25	>18~50	±0.3
审核	天 琴 2026-07-25	>50~120	±0.5
批准	李 育 文 2026-07-25	X°	±3°
视角		X.X°	±0.5°

RAST2.5型连接器承认书图面



6孔 6 POL				1	
缺失位置 removed position	防呆编号 keying code	线端图示 Wire End Diagram	板端图示 Board End Diagram		
1 2 3 6	ES		待开发 Upcoming	①	H
1 2 3 7	ET		待开发 Upcoming		
1 2 4 5	EU		待开发 Upcoming		
1 2 4 6	EV		待开发 Upcoming		G
1 2 4 7	EW		待开发 Upcoming	①	
1 2 5 6	EX		待开发 Upcoming	①	
1 2 5 7	EY		待开发 Upcoming		
1 2 6 7	EZ		待开发 Upcoming	①	F
1 3 4 5	FA		待开发 Upcoming	①	
1 3 4 6	FB		待开发 Upcoming		
1 3 4 7	FC		待开发 Upcoming	①	
1 3 5 6	FD		待开发 Upcoming	①	E
1 3 5 7	FE		待开发 Upcoming		
1 3 6 7	FF		待开发 Upcoming	①	
1 4 5 6	FG		待开发 Upcoming	①	
1 4 5 7	FH		待开发 Upcoming		D
1 4 6 7	FI		待开发 Upcoming	①	
1 5 6 7	FJ		待开发 Upcoming	①	
2 3 4 5	FK		待开发 Upcoming	①	C
2 3 4 6	FL		待开发 Upcoming		
2 3 4 7	FM		待开发 Upcoming		
2 3 5 6	FN		待开发 Upcoming		

Note:

缺口仅表示塑件定位柱防呆状态

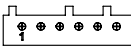
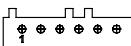
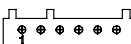
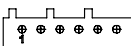
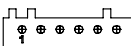
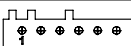
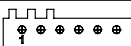
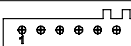
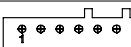
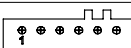
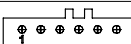
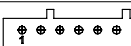
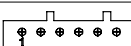
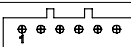
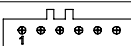
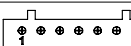
The notch indicates only the coding key status of the plastic part.

"①"为 F2501-HP 可生产防呆

"①" indicates F2501-HP producible fool-proofing.

LHE® 浙江联和电子有限公司			
品名	6P防呆	比例	1 : 1
料号	6P防呆	未注公差(mm)	
图号	LHEIGC-35	>0~3	±0.12
材料	/	>3~18	±0.15
制图	石 斛 2026-07-25	>18~50	±0.3
审核	天 琴 2026-07-25	>50~120	±0.5
批准	李 育 文 2026-07-25	X°	±3°
视角		X.X°	±0.5°

RAST2.5型连接器承认书图面

6		5		4		3		2		1	
6孔 6 POL											
缺失位置 removed position		防呆编号 keying code		线端图示 Wire End Diagram				板端图示 Board End Diagram			
2 3 5 7		FO						待开发 Upcoming			
2 3 6 7		FP						待开发 Upcoming			
2 4 5 6		FQ						待开发 Upcoming			
2 4 5 7		FR						待开发 Upcoming			
2 4 6 7		FS						待开发 Upcoming			
2 5 6 7		FT						待开发 Upcoming			
3 4 5 6		FU						待开发 Upcoming			
3 4 5 7		FV						待开发 Upcoming			
3 4 6 7		FW						待开发 Upcoming			
3 5 6 7		FX						待开发 Upcoming			
4 5 6 7		FY						待开发 Upcoming			
1 2 3 4 5		FZ						待开发 Upcoming			
1 2 3 4 6		IA						待开发 Upcoming			
1 2 3 4 7		IB						待开发 Upcoming			
1 2 3 5 6		IC						待开发 Upcoming			
1 2 3 5 7		ID						① 待开发 Upcoming			
1 2 3 6 7		IE						① 待开发 Upcoming			
1 2 4 5 6		IF						待开发 Upcoming			
1 2 4 5 7		IG						① 待开发 Upcoming			
1 2 4 6 7		IH						① 待开发 Upcoming			
1 2 5 6 7		II						① 待开发 Upcoming			
1 3 4 5 6		IJ						待开发 Upcoming			

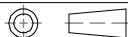
Note:

缺口仅表示塑件定位柱防呆状态

The notch indicates only the coding key status of the plastic part.

"①" 为 F2501-HP 可生产防呆

"①" indicates F2501-HP producible fool-proofing.

LHE [®] 浙江联和电子有限公司			
品名	6P防呆	比例	1 : 1
料号	6P防呆	未注公差(mm)	
图号	LHE\GC-36	>0~3	±0.12
材料	/	>3~18	±0.15
制图	石 斛 2026-07-25	>18~50	±0.3
审核	天 琴 2026-07-25	>50~120	±0.5
批准	李 育 文 2026-07-25	X°	±3°
视角		X.X°	±0.5°

RAST2.5型连接器承认书图面



6孔 6 POL				1	
缺失位置 removed position	防呆编号 keying code	线端图示 Wire End Diagram	板端图示 Board End Diagram		
1 3 4 5 7	IK		待开发 Upcoming	①	H
1 3 4 6 7	IL		待开发 Upcoming	①	
1 3 5 6 7	IM		待开发 Upcoming	①	
1 4 5 6 7	IN		待开发 Upcoming	①	G
2 3 4 5 6	IO		待开发 Upcoming		
2 3 4 5 7	IP		待开发 Upcoming		
2 3 4 6 7	IQ		待开发 Upcoming		
2 3 5 6 7	IR		待开发 Upcoming		F
2 4 5 6 7	IS		待开发 Upcoming		
3 4 5 6 7	IT		待开发 Upcoming		
1 2 3 4 5 6	IU		待开发 Upcoming		
1 2 3 4 5 7	IV		待开发 Upcoming	①	E
1 2 3 4 6 7	IW		待开发 Upcoming	①	
1 2 3 5 6 7	IX		待开发 Upcoming	①	
1 2 4 5 6 7	IY		待开发 Upcoming	①	
1 3 4 5 6 7	IZ		待开发 Upcoming	①	D
2 3 4 5 6 7	KA		待开发 Upcoming		
1 2 3 4 5 6 7	KB		待开发 Upcoming	①	
					C
					B
					A

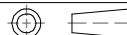
Note:

缺口仅表示塑件定位柱防呆状态

The notch indicates only the coding key status of the plastic part.

"①" 为 F2501-HP 可生产防呆

"①" indicates F2501-HP producible fool-proofing.

LHE® 浙江联和电子有限公司			
品名	6P防呆	比例	2 : 3
料号	6P防呆	未注公差(mm)	
图号	LHE\GC-37	>0~3	±0.12
材料	/	>3~18	±0.15
制图	石 斛 2026-07-25	>18~50	±0.3
审核	天 琴 2026-07-25	>50~120	±0.5
批准	李 育 文 2026-07-25	X°	±3°
视角		X.X°	±0.5°

RAST2.5型连接器承认书图面



7孔 7 POL					
6	5	4	3	2	1
缺失位置 removed position	防呆编号 keying code	线端图示 Wire End Diagram		板端图示 Board End Diagram	
/	/		待开发 Upcoming		已完成 Finished
3 5	C		待开发 Upcoming		已完成 Finished
3 4 5 8	E		待开发 Upcoming		已完成 Finished
2 3 5 6	F		待开发 Upcoming		已完成 Finished
2 4 5	H		待开发 Upcoming		已完成 Finished
1 2 4 5 6 7 8	I		待开发 Upcoming		已完成 Finished
1	J		待开发 Upcoming		
2	K		待开发 Upcoming		
1 4	L		待开发 Upcoming		
1 8	M		待开发 Upcoming		
4 5	N		待开发 Upcoming		
4 6	O		待开发 Upcoming		
1 3 6	P		待开发 Upcoming		
1 4 7	Q		待开发 Upcoming		
1 5 7	R		待开发 Upcoming		
2 4 6	S		待开发 Upcoming		
2 5 7	T		待开发 Upcoming		
3 4 5	U		待开发 Upcoming		
1 2 3 4	V		待开发 Upcoming		
2 3 4 6	X		待开发 Upcoming		
2 3 5 7	Y		待开发 Upcoming		
2 3 6 7	Z		待开发 Upcoming		

Note:

缺口仅表示塑件定位柱防呆状态

The notch indicates only the coding key status of the plastic part.

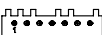
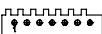
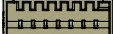
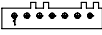
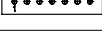
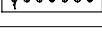
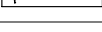
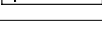
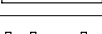
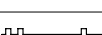
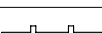
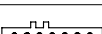
"①"为 F2501-HP 可生产防呆

"①" indicates F2501-HP producible fool-proofing.

LHE® 浙江联和电子有限公司			
品名	7P防呆	比例	2 : 3
料号	7P防呆	未注公差(mm)	
图号	LHEIGC-38	>0~3	±0.12
材料	/	>3~18	±0.15
制图	石 斛 2026-07-25	>18~50	±0.3
审核	天 琴 2026-07-25	>50~120	±0.5
批准	李 育 文 2026-07-25	X°	±3°
视角		X.X°	±0.5°

RAST2.5型连接器承认书图面



6		5		4		3		2		1	
7孔 7 POL											
缺失位置 removed position		防呆编号 keying code		线端图示 Wire End Diagram				板端图示 Board End Diagram			
4 7		CA						 已完成 Finished			
8		CB						 已完成 Finished			
1 2 5 6		CC									
3 4 5 6		CD									
2 3 6 8		CE									
1 2 4 5 7		CF									
1 2 6 7 8		CG						①			
1 3 4 5 6		CH									
1 3 4 5 8		CI						①			
1 3 5 6 8		CJ						①			
2 3 4 5 7		CK									
2 4 5 6 8		CL									
3 4 5 6 8		CM									
1 2 4 5 7 8		CN						①			
1 2 5 6 7 8		CO						①			
2 3 4 5 6 7		CP									
1 2 3 4 5 6 7 8		CQ						①			

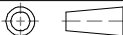
Note:

缺口仅表示塑件定位柱防呆状态

The notch indicates only the coding key status of the plastic part.

"①"为 F2501-HP 可生产防呆

"①" indicates F2501-HP producible fool-proofing.

LHE® 浙江联和电子有限公司			
品名	7P防呆	比例	2 : 3
料号	7P防呆	未注公差 (mm)	
图号	LHE\GC-39	>0~3	±0.12
材料	/	>3~18	±0.15
制图	石科 2026-07-25	>18~50	±0.3
审核	天琴 2026-07-25	>50~120	±0.5
批准	季育文 2026-07-25	X°	±3°
视角		X.X°	±0.5°

RAST2.5型连接器承认书图面



6 5 4 3 2 1							
8孔 8 POL							
缺失位置 removed position	防呆编号 keying code	线端图示 Wire End Diagram		板端图示 Board End Diagram			
/	/		待开发 Upcoming		已完成 Finished	①	H
3 8 9	C		待开发 Upcoming		已完成 Finished		
1 2 4 5 6 7 8 9	E		待开发 Upcoming		已完成 Finished		G
3 7	F		待开发 Upcoming		已完成 Finished		
3 6	H		待开发 Upcoming				
2 3 4	I		待开发 Upcoming				
1 2 3 4	J		待开发 Upcoming				
2 3 7 8	K		待开发 Upcoming				F
3 4 5 6	L		待开发 Upcoming				
3 4 7 8	M		待开发 Upcoming				
2 3 4 8 9	N		待开发 Upcoming			①	E
3 4 5 6 7	O		待开发 Upcoming				
1 2 3 4 7 8	P		待开发 Upcoming				
1 2 4 6 8 9	Q		待开发 Upcoming				
1 3 4 5 6 7	R		待开发 Upcoming				
1 3 4 5 7 9	S		待开发 Upcoming				D
1 3 5 6 8 9	T		待开发 Upcoming				
2 3 4 5 6 7	U		待开发 Upcoming				
2 3 4 6 8 9	V		待开发 Upcoming				
1 3 4 5 6 7 9	X		待开发 Upcoming				C
2 3 4 5 6 7 8	Y		待开发 Upcoming			①	
1 3 4 5 6 7 8 9	Z		待开发 Upcoming				

Note:

缺口仅表示塑件定位柱防呆状态

The notch indicates only the coding key status of the plastic part.

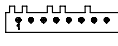
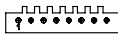
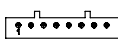
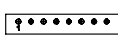
"①" 为 F2501-HP 可生产防呆

"①" indicates F2501-HP producible fool-proofing.

LHE® 浙江联和电子有限公司			
品名	8P防呆	比例	2 : 3
料号	8P防呆	未注公差(mm)	
图号	LHEIGC-40	>0~3	±0.12
材料	/	>3~18	±0.15
制图	石 斛 2026-07-25	>18~50	±0.3
审核	天 琴 2026-07-25	>50~120	±0.5
批准	李 育 文 2026-07-25	X°	±3°
视角		X.X°	±0.5°

RAST2.5型连接器承认书图面



8孔 8 POL					
缺失位置 removed position	防呆编号 keying code	线端图示 Wire End Diagram	板端图示 Board End Diagram		
3 6 8 9	CA	 待开发 Upcoming	 已完成 Finished	①	H
1 9	CB	 待开发 Upcoming			
1 2 4 5 6 8 9	CC	 待开发 Upcoming			
1 2 3 4 5 6 7 8 9	CD	 待开发 Upcoming			G
					F
					E
					D
					C
					B
					A

Note:

缺口仅表示塑件定位柱防呆状态

The notch indicates only the coding key status of the plastic part.

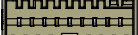
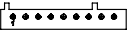
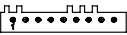
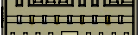
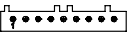
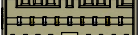
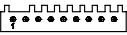
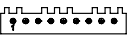
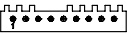
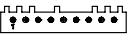
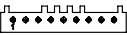
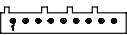
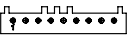
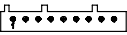
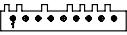
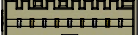
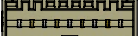
"①" 为 F2501-HP 可生产防呆

"①" indicates F2501-HP producible fool-proofing.

LHE® 浙江联和电子有限公司			
品名	8P防呆	比例	2 : 3
料号	8P防呆	未注公差 (mm)	
图号	LHE\GC-41	>0~3	±0.12
材料	/	>3~18	±0.15
制图	石 斛 2026-07-25	>18~50	±0.3
审核	天 琴 2026-07-25	>50~120	±0.5
批准	李 育 文 2026-07-25	X°	±3°
视角		X.X°	±0.5°

RAST2.5型连接器承认书图面



9孔 9 POL					
缺失位置 removed position	防呆编号 keying code	线端图示 Wire End Diagram	板端图示 Board End Diagram		
/	/			待开发 Upcoming	已完成 Finished
9 10	C			待开发 Upcoming	已完成 Finished
2 3 4 5 6 7 9 10	E			待开发 Upcoming	已完成 Finished
3 4 5 9 10	F			待开发 Upcoming	已完成 Finished
2 3 4 7 8 10	H			待开发 Upcoming	已完成 Finished
1 10	I			待开发 Upcoming	
2	J			待开发 Upcoming	
3 7	K			待开发 Upcoming	
4 5	L			待开发 Upcoming	
4 6 7	M			待开发 Upcoming	
2 3 8 9	N			待开发 Upcoming	
2 3 5 7 9 10	O			待开发 Upcoming	
2 3 7 8 9	P			待开发 Upcoming	
2 3 5 6 7 9	Q			待开发 Upcoming	
2 3 5 6 7 9 10	R			待开发 Upcoming	
1 3 4 5 6 7 8 10	S			待开发 Upcoming	
2 3 4 5 6 7 8 9	T			待开发 Upcoming	
1 2 3 4 5 6 7 8 9 10	U			待开发 Upcoming	
3 5 10	V			待开发 Upcoming	已完成 Finished
1 4 5 6 7 10	X			待开发 Upcoming	已完成 Finished

Note:

缺口仅表示塑件定位柱防呆状态

The notch indicates only the coding key status of the plastic part.

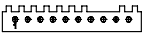
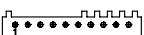
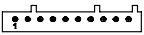
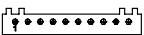
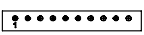
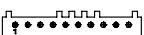
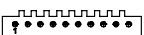
"①" 为 F2501-HP 可生产防呆

"①" indicates F2501-HP producible fool-proofing.

LHE® 浙江联和电子有限公司			
品名	9P防呆	比例	2 : 3
料号	9P防呆	未注公差(mm)	
图号	LHEIGC-42	>0~3	±0.12
材料	/	>3~18	±0.15
制图	石 斛 2026-07-25	>18~50	±0.3
审核	天 琴 2026-07-25	>50~120	±0.5
批准	李 育 文 2026-07-25	X°	±3°
视角		X.X°	±0.5°

RAST2.5型连接器承认书图面



10孔 10 POL					
缺失位置 removed position	防呆编号 keying code	线端图示 Wire End Diagram	板端图示 Board End Diagram		
/	/	 已完成 Finished	 已完成 Finished	H	
8 9	C	 待开发 Upcoming	 已完成 Finished		
1	E	 待开发 Upcoming			
1 10	F	 待开发 Upcoming		G	
1 2 3 4	H	 待开发 Upcoming			
2 3 4 5 6	I	 待开发 Upcoming			
3 4 6 7 9	J	 待开发 Upcoming			
2 3 4 7 8 9	K	 待开发 Upcoming		F	
1 2 4 5 6 7 9 10	L	 待开发 Upcoming			
3 4 5 6 7 8 9	M	 待开发 Upcoming			
2 3 4 5 6 7 8 9 10	N	 待开发 Upcoming			
1 2 3 4 5 6 7 8 9 10 11	O	 待开发 Upcoming		①	
2 3 4 9 10	P	 待开发 Upcoming	 已完成 Finished	①	
1 11	Q	 待开发 Upcoming			

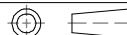
Note:

缺口仅表示塑件定位柱防呆状态

The notch indicates only the coding key status of the plastic part.

"①"为 F2501-HP 可生产防呆

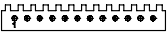
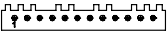
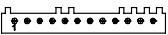
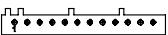
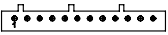
"①" indicates F2501-HP producible fool-proofing.

LHE® 浙江联和电子有限公司			
品名	10P防呆	比例	2 : 3
料号	10P防呆	未注公差(mm)	
图号	LHE\GC-43	>0~3	±0.12
材料	/	>3~18	±0.15
制图	石 斛 2026-07-25	>18~50	±0.3
审核	天 琴 2026-07-25	>50~120	±0.5
批准	李 育 文 2026-07-25	X°	±3°
视角		X.X°	±0.5°

Web: www.lhecn.com www.lhe.en.alibaba.com Tel: 86-0577-62383668 0577-62383212 Fax: 86-0577-62382566 page 44 of 86

RAST2.5型连接器承认书图面



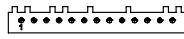
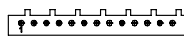
6	5	4	3	2	1
12孔 12 POL					
缺失位置 removed position	防呆编号 keying code	线端图示 Wire End Diagram	板端图示 Board End Diagram		
/	/	 待开发 Upcoming	 已完成 Finished		H
4 7 10	C	 待开发 Upcoming			
2 3 4 7 8 9	E	 待开发 Upcoming			
3 4 5 7 8 9 11 12 13	F	 待开发 Upcoming			G
1 13	I	 待开发 Upcoming		①	
1 3 4 5 7 8 9 11 12 13	J	 待开发 Upcoming		①	
2 3 4 5 10 11 12	K	 待开发 Upcoming			
					F
					E
					D
					C
					B
					A

Note:
缺口仅表示塑件定位柱防呆状态
The notch indicates only the coding key status of the plastic part.
"①"为 F2501-HP 可生产防呆
"①" indicates F2501-HP producible fool-proofing.

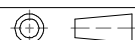
LHE® 浙江联和电子有限公司			
品名	12P防呆	比例	2 : 3
料号	12P防呆	未注公差 (mm)	
图号	LHE\GC-45	>0~3	±0.12
材料	/	>3~18	±0.15
制图	石 斛 2026-07-25	>18~50	±0.3
审核	天 琴 2026-07-25	>50~120	±0.5
批准	李 育 文 2026-07-25	X°	±3°
视角		X.X°	±0.5°

RAST2.5型连接器承认书图面



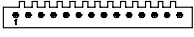
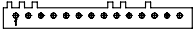
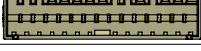
6	5	4	3	2	1
13孔 13 POL					①
缺失位置 removed position	防呆编号 keying code	线端图示 Wire End Diagram	板端图示 Board End Diagram		
/	/	 待开发 Upcoming	 已完成 Finished		
3 6 8 9 11 12	C	 待开发 Upcoming			
1 3 5 7 9 11 13	E	 待开发 Upcoming			
1 14	F	 待开发 Upcoming			

Note:
缺口仅表示塑件定位柱防呆状态
The notch indicates only the coding key status of the plastic part.
" ① "为 F2501-HP 可生产防呆
"①" indicates F2501-HP producible fool-proofing.

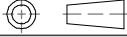
LHE® 浙江联和电子有限公司			
品名	13P防呆	比例	2 : 3
料号	13P防呆	未注公差 (mm)	
图号	LHE\GC-46	>0~3	±0.12
材料	/	>3~18	±0.15
制图	石 斛 2026-07-25	>18~50	±0.3
审核	天 琴 2026-07-25	>50~120	±0.5
批准	李育文 2026-07-25	X°	±3°
视角		X.X°	±0.5°

RAST2.5型连接器承认书图面



6	5	4	3	2	1
14孔 14 POL					
缺失位置 removed position	防呆编号 keying code	线端图示 Wire End Diagram	板端图示 Board End Diagram		
/	/	 待开发 Upcoming	 已完成 Finished		H
1 15	C	 待开发 Upcoming		①	
1 2 3 4 5 7 8 9 10 12 13 14 15	E	 待开发 Upcoming			
4 5 6 7 8 11 13 14 15	F	 待开发 Upcoming	 已完成 Finished	①	G
					F
					E
					D
					C
					B
					A

Note:
缺口仅表示塑件定位柱防呆状态
The notch indicates only the coding key status of the plastic part.
"①"为 F2501-HP 可生产防呆
"①" indicates F2501-HP producible fool-proofing.

LHE® 浙江联和电子有限公司			
品名	14P防呆	比例	2 : 3
料号	14P防呆	未注公差(mm)	
图号	LHE\GC-47	>0~3	±0.12
材料	/	>3~18	±0.15
制图	石 斛 2026-07-25	>18~50	±0.3
审核	天 琴 2026-07-25	>50~120	±0.5
批准	李 育 文 2026-07-25	X°	±3°
视角		X.X°	±0.5°

RAST2.5型连接器承认书图面



15孔 15 POL							
缺失位置 removed position	防呆编号 keying code	线端图示 Wire End Diagram		板端图示 Board End Diagram			
/	/		待开发 Upcoming		已完成 Finished	①	H
15 16	C		待开发 Upcoming		已完成 Finished		
1 16	E		待开发 Upcoming				
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	F		待开发 Upcoming				G
1 4 7 9 10 14 15 16	H		待开发 Upcoming		已完成 Finished		F
						①	E
						①	D
						①	C
							B
							A

Note:

缺口仅表示塑件定位柱防呆状态

The notch indicates only the coding key status of the plastic part.

"①"为 F2501-HP 可生产防呆

"①" indicates F2501-HP producible fool-proofing.

LHE® 浙江联和电子有限公司			
品名	15P防呆	比例	2 : 3
料号	15P防呆	未注公差(mm)	
图号	LHE\GC-48	>0~3	±0.12
材料	/	>3~18	±0.15
制图	石 斛 2026-07-25	>18~50	±0.3
审核	天 琴 2026-07-25	>50~120	±0.5
批准	李 育 文 2026-07-25	X°	±3°
视角		X.X°	±0.5°

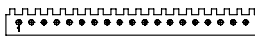
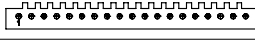
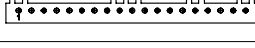
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RAST2.5型连接器承认书图面

18孔 18 POL																																									
缺失位置 removed position	防呆编号 keying code	线端图示 Wire End Diagram																																							
/	/	 待开发 Upcoming	①																																						
1 19	C	 待开发 Upcoming																																							
Note: 缺口仅表示塑件定位柱防呆状态 The notch indicates only the coding key status of the plastic part. "①"为 F2501-HP 可生产防呆 "①" indicates F2501-HP producible fool-proofing.			H																																						
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			A																																						
			<table border="1"> <thead> <tr> <th colspan="4">LHE[®] 浙江联和电子有限公司</th> </tr> </thead> <tbody> <tr> <td>品名</td> <td>18P防呆</td> <td>比例</td> <td>2 : 3</td> </tr> <tr> <td>料号</td> <td>18P防呆</td> <td colspan="2">未注公差 (mm)</td> </tr> <tr> <td>图号</td> <td>LHE\GC-51</td> <td>>0~3</td> <td>±0.12</td> </tr> <tr> <td>材料</td> <td>/</td> <td>>3~18</td> <td>±0.15</td> </tr> <tr> <td>制图</td> <td>石 斛 2027-07-25</td> <td>>18~50</td> <td>±0.3</td> </tr> <tr> <td>审核</td> <td>天 琴 2027-07-25</td> <td>>50~120</td> <td>±0.5</td> </tr> <tr> <td>批准</td> <td>李育文 2027-07-25</td> <td>X°</td> <td>±3°</td> </tr> <tr> <td>视角</td> <td></td> <td>X.X°</td> <td>±0.5°</td> </tr> </tbody> </table>			LHE [®] 浙江联和电子有限公司				品名	18P防呆	比例	2 : 3	料号	18P防呆	未注公差 (mm)		图号	LHE\GC-51	>0~3	±0.12	材料	/	>3~18	±0.15	制图	石 斛 2027-07-25	>18~50	±0.3	审核	天 琴 2027-07-25	>50~120	±0.5	批准	李育文 2027-07-25	X°	±3°	视角		X.X°	±0.5°
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RAST2.5型连接器承认书图面

6	5	4	3	2	1		
19孔 19 POL			①				
缺失位置 removed position	防呆编号 keying code	线端图示 Wire End Diagram					
/	/	 待开发 Upcoming					
1 20	C	 待开发 Upcoming					
3 4 5 6 7 8 12 13 14 17 18	E	 待开发 Upcoming					

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项目 Item	测试条件 Test Condition	规格要求 Requirement			
1.外观 Appearance	目测 Visual by eye 视力 Light: >1.0 照明 Lamp: 200~300Lx 目测距离 Space: 0.3~0.5m GB/T 5095.1 Method 1a	1.塑料件表面应无明显疤痕、凹陷、开裂及影响使用的变形。 Plastic part:smooth and flat surface without discolor,broken,crack distortion defects is acceptable. 2.金属件表面无锈蚀、氧化、无明显的机械损伤等缺陷。 Metal part:btight and even surface without rust,oxide,fog and obvious physical damage defects is acceptable. 3.导线表面清洁、无破损等缺陷,印字及标志清晰。 Wire:clearing surface without discolor,broken defects,indistinct words and mark is acceptable.			
2. 插入力与拔出力 Insertion and Withdrawal Force	相配的连接器的速度以1mm/s~5mm/s的速度沿接插器轴线方向插入和拔出。 Insertion and withdraw connectors at the speed rate of 1mm/s~5mm/s. GB/T 5095.7 Method 13b/EIA-364-13B	极数 Poles	插入力(最大值N) Insertion(N Max)		拔出力(最小值N) Withdrawal(N Min)
			1st	10st	1st 1st
		P	4.0XP	4.0XP	0.5XP 0.5XP
		适用(Applicable): A25014-HZE; F2501-HZE			
		极数 Poles	带锁插入力(最大值N) Lock-Insertion(N Max)		带锁拔出力(最小值N) Lock-Withdrawal(N Min)
			1st	10st	1st 10st
		P	10XP	10XP	0.5XP+7 0.5XP+5
		适用(Applicable):			
3. 针的固定力 Pin Retention Force	固定连接器或测力计,在连接器轴线方向对针施加规定的推力;速度不大于25mm/min。 Apply axial push out force at the speed rate of not more 25mm/minute on the terminal assembled in the base. GB/T 5095.8 Method 15a/ EIA-364-29B	$\geq 20N$ 适用(Applicable): A25014-WV; A25014-DWV; A25014-DCWV			
4. IDT 导线保持力 IDT Wire Retention Force	以每分钟25-100毫米的速度,沿与导线方向平行且成90°的方向施加拉伸力 Apply a straight tensile force parallel and at 90° to the direction of the wire at a rate of 25-100mm per minute	AWG.22#			

项目 Item	测试条件 Test Condition	规格要求 Requirement	
5. 机械振动 Vibration	频率周期: 5-500-5Hz 位移: 7.5毫米 加速度: 2g, 20分钟扫描, 每轴3小时。 Frequency cycle: 5-500-5Hz Displacement: 7.5mm Acceleration :2g 20 min sweep 3hrs per axis IEC 60068-2-6 / GB/T 2423.10	外观 Appearance	无损伤 No Damage
		接触电阻 Contact Resistance LLCR	$\leq 20m\Omega$
6.机械冲击 Shock	1/2 正弦波, 50G, 11 毫秒, 6 个方向各 3 次冲击 1/2 sine, 50G, 11 milliseconds 3 shocks in each of 6 directions IEC 60068-2-27 / GB/T 2423.5	中断 Intermittence	$\leq 1\mu \text{ sec}$
7. 机械寿命 Repeated insertion/withdrawal	插拔连接器 10 次。操作速度: 25.4 mm/min。 Mate and unmate connector 10 times. Operation Speed: 25.4 mm/min IEC 60512-9-1	无影响正常使用的损伤。 No damage which could impair normal usage.	
8. 接触电阻 Contact Resistance	插合连接器,用小功率电路进行测试。 Mate connectors,measure by dry circuit. GB/T 5095.2 Method 2a/EIA-364-23B	$\leq 10m\Omega$	
9. 绝缘电阻 Insulation Resistance	在相邻接触件之间或地线之间, 用500V DC电压进行测试。 Apply 500V DC between adjacent terminal or ground. GB/T 5095.2 Method 3a/EIA-364-21C	$\geq 1000M\Omega$	
10. 耐电压 Dielectric Strength	相邻接触件之间或地线之间施加50Hz 1000VAC(有效值2.5mm)/ 1500V AC(有效值5.0mm), 漏电流1mA的电压作用, 时间1min。 Mate connectors, apply 1000V AC(2.5mm)/1500V AC(5.0mm) for 1 minute between adjacent terminal or ground. GB/T 5095.2 Method 4a/EIA-364-20B	无击穿和飞弧现象 No Breakdown	
11. 温度上升 Temperature Rise	插合连接器, 通以最大允许电流。 GB/T 5095.3 Method 5a/EIA-364-70A	温度最大上升 Temperature Rise	$\leq 30^{\circ}\text{C}$
12. 耐高温 Heat Resistance	连接器配合后, 于+110°C±2°C的空气中放置96小时, 然后再回到 室温中放置1~2小时测定 Mated connectors are exposed to a temperature of +110°C±2°C for 96 hours. GB/T 5095.6 Method 11i /EIA-364-17B	外观 Appearance	无损伤 No Damage
13. 耐低温 Clod Resistance	连接器配合后, 于-40°C±2°C的空气中放置96小时, 然后再回到 室温中放置1~2小时测定 Mated connectors are exposed to a temperature of -40°C±2°C for 96 hours. GB/T 5095.6 Method 11i /EIA-364-17B	接触电阻 Contact Resistance LLCR	$\leq 20m\Omega$

项目 Item	测试条件 Test Condition	规格要求 Requirement	
14. 恒定湿热 Humidity	温度 Temperature: 40±2°C 相对湿度 Relative Humidity: 90%~95% 搁置时间 Duration: 14 days IEC 60068-2-78 / GB/T 2423.3	外观 Appearance	无损伤 No Damage
15. 热循环 Ageing test	把测试样品放入高低温试验箱中,按下列步骤调试温度: a)在80°C±2°C的恒温条件下放置16小时; b)在20°C±2°C的恒温条件下放置8小时; 从a)到b)为一个循环周期,共进行14个循环。恢复1h后检查。 Mated connectors are exposed to 14 cycles of: a)80°C±2°C 16hour b)20°C±2°C 8hour	接触电阻 Contact Resistance LLCR	≤20mΩ
16.盐雾 Salt Spray	温度Tamb: 35°C 相对湿度Rel. Humidity: 95% 氯化钠浓度NaCl concentrate: 50g/litre 试验时间Duration: 72 h IEC 60068-2-11	外观无内部腐蚀痕迹 No internal corrosion marks on the exterior 接触电阻Contact Resistance LLCR ≤20mΩ	
17. 可焊性 Solderability	把测试样品需要焊接的部位浸入焊锡炉中 (锡炉温度260°C±5°C)2±0.5秒钟。 Soldering time: 2±0.5 sec Solder Temperature:260°C±5°C IEC 60068-2-20	上锡率≥90% 90% of immersed area must show no voids,pin holes	
18. 灼热丝测试 Glow Wire (只针对GWT750°C产 品 Only for GWT750°Cproducts)	750C灼热丝顶部接触试验样品, 接触时间:(30±1) s 接近和离开速率: 10mm/s~25mm/s 灼热丝进入或贯穿试验样品深度:(7±0.5) mm 750°C elow wire contacts with mated connector. Time: (30+1) s Speed of closing to and leaving: 10mm/s-25mm's Depth that glow wire penetrates mated connector: (7-05 mm GB/T 5169.10	1.试验样品燃烧时间不超过2s。 The time that mated connector burns is not more than 2s. 2、灼热丝离开后的30s内样件无火焰或灼热情况, 且无滴落物或滴落物不燃烧。 30s after glow wire leaves mated con nector, it does not burn or is no incand escence and it does not fall something or falling something does not burn.	
19. 耐酸性(二氧化硫) Acid resistance(SO ₂)	温度Tamb: 40°C 二氧化硫SO ₂ : 0.2升liter 水H ₂ O: 2升liter 暴露时间exposure time: 8 h 恢复时间recovery time: 16 h	接触电阻 Contact Resistance LLCR	≤20mΩ

项目 Item	测试条件 Test Condition	规格要求 Requirement	
20.周期性载流 cyclic current carrying	在 6000 小时寿命试验期间，所有试验样品必须按以下要求执行： 通电：额定电流，持续 0-20 分钟 断电：持续 20-60 分钟 接触电阻测量 依据 IEC 512-2 标准： 寿命试验前 1000 小时内，每 100 小时测量一次 剩余试验阶段，每 200 小时测量一次 During the 6,000 hours life test, all test specimens must undergo the following: POWER ON at rated current for 0- 20 minutes, POWER OFF for 20-60 minutes. Contact Resistance Measurements as per IEC 512, Part 2: Every 100 hours of the life-test. Up to 1000 hours and every 200 hours for the remainder of the test.	接触电阻 Contact Resistance LLCR	间接通过接插件 Indirect through Header≤20mΩ 直连 PCB Direct to PCB≤30mΩ

制订 Edit:

王夫

审核 Check:

天琴

批准 Approval:

季育文

日期 DATE:

2024-04-25

日期 DATE:

2024-04-25

日期 DATE:

2024-04-25

LHE[®] 浙江联和电子有限公司 ZHEJIANG LIANHE ELECTRONICS CO.,LTD.

可靠性试验报告

RELIABILITY TEST REPORT

日期: 2026-05-09

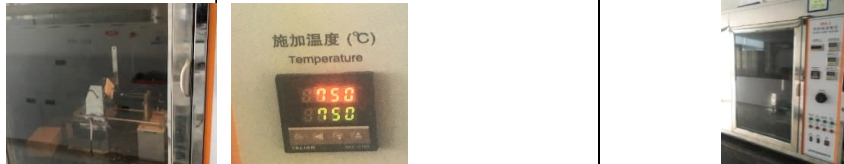
针焰实验(Needle flame experiment)

测试目的(Test Purposes)		确定PA66 94V-0 样条在针焰条件下是否符合标准要求 Determine whether the PA66 94V-0 sample bar meets the standard requirements under the needle flame condition.					
测试条件(Test Conditions)		温度 $35 \pm 2^{\circ}\text{C}$ Temperature 35 ± 2 ℃;					
测试方法(Test Method)		对样条施加试验火焰持续时间为 12s。火焰高度 $12\text{mm} \pm 1\text{mm}$ The test flame was applied to the spline for a duration of 12 seconds. The flame height was $12\text{mm} \pm 1\text{mm}$.					
参照标准(With Reference to)		GB/T5169.5-2008					
判定标准(Test Standard)		a. 试验样品无火焰和灼热, 并且规定的铺底层或包装绢纸没有起燃 b. 在移开针焰后, 试验样品和周围的零部件的火焰或灼热在 30s 之内熄灭, 即 $t_b < 30\text{s}$, 而且周围的零部件没有完全烧毁, 以及规定的铺底层或包装绢纸没有起燃。 a. The test sample has no flame and heat, and the specified bedding or wrapping paper does not ignite b. After removing the needle flame, the flame or burning heat of the test sample and the surrounding parts will be extinguished within 30s, i.e. $TB < 30\text{s}$, and the surrounding parts are not completely burnt out, and the specified underlay or wrapping silk paper does not ignite					
测试设备(Test Equipment)		针焰试验机 Needle flame testing machine					
测试程序 (Test Program)		外观检验→固定样品→试验启动 →观察→记录起火时间					
(The test results)	测试图片Test Picture						
							
	序号 number	1	2	3	4	5	备注 (Remarks)
	样品 sample	无起燃 Noignition	无起燃 Noignition	无起燃 Noignition	无起燃 Noignition	无起燃 Noignition	/
	结果results	OK	OK	OK	OK	OK	
	序号 number	6	7	8	9	10	
	样品 sample	无起燃 Noignition	无起燃 Noignition	无起燃 Noignition	无起燃 Noignition	无起燃 Noignition	/
(The results determine)	结果results	OK	OK	OK	OK	OK	/
	样品数量 The Number of Samples 10PCS		合格数 The Number of competency		10		结 果Results OK
			不合格数Unqualified		0		
			外观Appearances		OK		

核准 (Approved) 陈浙海

测试人 (Testing Person) 王夫

灼热丝实验(Glow wire experiment)

测试目的(Test Purposes)			确定AB11069W-S16-10灼热丝材料产品在灼热丝条件下是否符合标准要求 Determine if the AB11069W-S16-10 Does the product meet the standard requirements under the condition of glow wire									
测试条件(Test Conditions)			灼热丝起燃温度(GWIT)记录值为起始温度加25K(对于900℃和930℃则是30K,960℃记为GWIT:>960/厚度) Gwire ignition temperature(GWIT)recorded value is the starting temperature plus 25K(for 900℃ and 930℃ is 30K,960℃ is GWIT:>960 / thickness)									
测试方法(Test Method)			施加试验火焰持续时间为30s。试验温度750℃ The test flame duration was 30 s. Test temperature: 750℃									
参照标准(With Reference to)			根据GB/T 5169.12-2006及GB/T 5169.13-2013执行。									
判定标准(Test Standard)			试验样条无火焰,并且规定的铺底层或包装纸没有起燃。 The test sample has no flame and heat, and the specified bedding or wrapping paper does not ignite									
测试设备Test Equipment)			灼热丝测试仪(Glow-wire tester)									
测试程序(Test Program)			外观检验→固定样条→试验启动→观察→记录起火时间 Appearance inspection→Fixing the splines→Starting the test→Observation→Recording the ignition time									
测试结果 (The test results)	测试图片Test Picture											
												
	材料规格 material specification	试样尺寸 (长X宽 X厚) 单位:mm	起始 温度 (℃)	样品	起燃 时间 (Ti) 单位:秒	熄灭 时间 (Te)	现象记录 Phenomenon Record	GWIT	GWI			
								判定:PASS 或 FAIL				
	A66V0 002	60X60X2.5	750	第1个	不起燃	/	不起燃,无滴落 Non-flammable, no dripping	PASS	(GWIT:775/ 2.5) (GWI:750/ 2.5)			
				第2个	不起燃	/	不起燃,无滴落 Non-flammable, no dripping					
				第3个	不起燃	/	不起燃,无滴落 Non-flammable, no dripping					
	A66V0 002	60X60X2.5	800	第1个	6	32	接触后很快就起燃,熔融但无滴落,起燃后32S熄灭 It ignited shortly after contact, melted but without dripping. It extinguished 32 seconds after ignition.	FALL	PASS (GWI:800/ 2.5)			
				第2个	5	31	接触后很快就起燃,熔融但无滴落,起燃后32S熄灭 It ignited shortly after contact, melted but without dripping. It extinguished 32 seconds after ignition.					
				第3个	6	33	接触后很快就起燃,熔融但无滴落,起燃后33S熄灭 It ignited shortly after contact, melted but without dripping. It extinguished 33 seconds after ignition.					
	A66V0 002	60X60X2.5	850	第1个	2	47	接触后很快就起燃,熔融但无滴落,起燃后46S熄灭 It ignited shortly after contact, melted but without dripping. It extinguished 46 seconds after ignition.	FALL	PASS (GWI:850/ 2.5)			
				第2个	1	53	接触后很快就起燃,熔融但无滴落,起燃后51S熄灭 It ignited shortly after contact, melted but without dripping. It extinguished 51 seconds after ignition.					
				第3个	2	51	接触后很快就起燃,熔融但无滴落,起燃后52S熄灭 It ignited shortly after contact, melted but without dripping. It extinguished 52 seconds after ignition.					
	A66V0 002	60X60X2.5	960	第1个	1	51	接触后很快就起燃,熔融但无滴落,起燃后50S熄灭 It ignited shortly after contact, melted but without dripping. It extinguished 50 seconds after ignition.	FALL	PASS (GWI:960/ 2.5)			
				第2个	1	52	接触后很快就起燃,熔融但无滴落,起燃后51S熄灭 It ignited shortly after contact, melted but without dripping. It extinguished 51 seconds after ignition.					
				第3个	1	49	接触后很快就起燃,熔融但无滴落,起燃后50S熄灭 It ignited shortly after contact, melted but without dripping. It extinguished 50 seconds after ignition.					
测试须知 (The test requirements)	1.灼热丝起燃温度(GWIT)记录值为起始温度加25K(对于900℃和930℃则是30K,960℃记为GWIT:>960/厚度) The recorded value of the ignition temperature of the hot wire (GWIT) is the initial temperature plus 25K (for 900℃ and 930℃ it is 30K, and for 960℃ it is GWIT: > 960 / thickness) 2.产品在移开灼热丝之后持续燃烧的时间≤30s,即Te≤Ta(施加时间)+30S,并且包装纸没有起燃,则灼热丝可燃性指数(GWI)即为PASS,记录为GWI:温度/厚度; 2.The duration for which the product continues to burn after the hot wire is removed shall be ≤ 30 seconds, that is, Te ≤ Ta (application time) + 30 seconds, and if the packaging paper does not catch fire, then the flammability index of the hot wire (GWI) is PASS, and it is recorded as GWI: temperature/thickness; 3.本实验灼热丝Ta(施加时间)为30S,则Te≤60S In this experiment, the duration of the hot wire heating (Ta) is 30 seconds, and therefore Te is less than or equal to 60 seconds. 4.如果3个其中有1个不合格则最终结果为不合格; 4.If one of the three is unqualified, the final result is deemed unqualified.											

核准 (Approved) 陈浙海

测试人 (Testing Person) 玉夫



Component - Plastics

File Number: E331274

Celanese (Suzhou) Engineering Plastics Co Ltd
N. 155 Song Bei Road, Suzhou Industrial Park, Suzhou Jiangsu 215024 CN



FRIANYL: A3 RV0 (a)(b)(f2)

Polyamide 66 (PA66), pellets, unfilled

- (a) - Virgin and regrind up to 50% by weight inclusive, have the same basic material characteristics.
- (b) - Virgin and regrind up to 100% by weight inclusive, have the same basic characteristics with respect to flammability.
- (f2) - Subjected to one or more of the following tests: Ultraviolet Light, Water Exposure or Immersion in accordance with UL 746C, where the acceptability for outdoor use is to be determined by UL.

Flammability	Value	Test Method
Flame Rating		UL 94
0.25 mm, ALL	V-0	IEC 60695-11-10, -20
0.38 mm, ALL	V-0	
0.75 mm, ALL	V-0	
1.5 mm, ALL	V-0	
3.0 mm, ALL	V-0	
Glow Wire Flammability Index		IEC 60695-2-12
0.75 mm	960 °C	
1.5 mm	960 °C	
3.0 mm	960 °C	
Glow Wire Ignition Temperature		IEC 60695-2-13
0.75 mm	775 °C	
1.5 mm	775 °C	
3.0 mm	775 °C	
Electrical	Value	Test Method
Hot-wire Ignition (HWI)		UL 746
0.25 mm	PLC 4	
0.38 mm	PLC 4	
0.75 mm	PLC 4	
1.5 mm	PLC 4	
3.0 mm	PLC 3	
High Amp Arc Ignition (HAI)		UL 746
0.25 mm	PLC 1	
0.38 mm	PLC 1	
0.75 mm	PLC 0	
1.5 mm	PLC 0	
3.0 mm	PLC 0	
Comparative Tracking Index (CTI)	PLC 0	UL 746
Dielectric Strength	25 kV/mm	ASTM D149 IEC 60243-1
High Voltage Arc Tracking Rate (HVTR)	PLC 0	UL 746
Inclined-Plane Tracking (1.0 kV)	60 min	ASTM D2303
Volume Resistivity	1.0E+13 ohms-cm	ASTM D257 IEC 60093
Arc Resistance	PLC 5	ASTM D495

Component - Plastics

File Number: E331274



Thermal	Value	Test Method
RTI Elec		UL 746
0.25 mm	65.0 °C	
0.38 mm	130 °C	
0.75 mm	130 °C	
1.5 mm	130 °C	
3.0 mm	130 °C	
RTI Imp		UL 746
0.25 mm	65.0 °C	
0.38 mm	105 °C	
0.75 mm	105 °C	
1.5 mm	105 °C	
3.0 mm	105 °C	
RTI Str		UL 746
0.25 mm	65.0 °C	
0.38 mm	115 °C	
0.75 mm	120 °C	
1.5 mm	120 °C	
3.0 mm	120 °C	
Physical	Value	Test Method
Dimensional Stability	0.0 %	ASTM D1042 ISO 2796
Outdoor Suitability	f2	UL 746C

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RAST2.5型连接器检测报告



中国认可
国际互认
检测
TESTING
CNAS L0599

检测报告

编号: SHAEC25007389927

日期: 2025 年 04 月 16 日

第 1 页, 共 10 页

客户名称: 浙江联和电子有限公司

客户地址: 浙江省乐清市乐清湾港区乐商创业园 浙江省乐清市乐清湾港区电子信息产业园红旗路 8 号

样品名称: PA66 连接器

客户参考信息: 见附页

以上样品及信息由客户提供。

SGS 工作编号: TIC1020250403104904PQS8

样品接收时间: 2025 年 04 月 03 日

检测周期: 2025 年 04 月 03 日 ~ 2025 年 04 月 11 日

检测要求: 根据客户要求检测。

检测方法: 见后续页。

检测结果: 见后续页。

检测要求	结论
欧盟 RoHS 指令 2011/65/EU 附录 II 的修正指令(EU) 2015/863-铅、汞、镉、六价铬、多溴联苯 (PBB)、多溴二苯醚 (PBDE)、邻苯二甲酸二(2-乙基己基)酯 (DEHP)、邻苯二甲酸丁苄酯 (BBP)、邻苯二甲酸二丁酯 (DBP)和邻苯二甲酸二异丁酯 (DIBP)	符合
欧盟 RoHS 指令 2011/65/EU 附录 II 的修正指令(EU) 2015/863-铅、汞、镉和六价铬	符合

通标标准技术服务(上海)有限公司

授权签名

兰柳珍

Jenny Lan 兰柳珍

批准签署人

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检测报告 编号: SHAEC25007389927 日期: 2025 年 04 月 16 日 第 2 页, 共 10 页

检测结果:

检测部件外观描述:

样品序号	样品编号	SGS 样品 ID	样品描述
SN1	A1	SHA25-0073899-0001.C001	白色固体
SN2	A2	SHA25-0073899-0001.C002	银色金属

备注:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL= 方法检出限
- (3) ND = 未检出(< MDL)
- (4) "-" = 未规定

欧盟 RoHS 指令 2011/65/EU 附录 II 的修正指令(EU) 2015/863-铅、汞、镉、六价铬、多溴联苯 (PBB)、多溴二苯醚 (PBDE)、邻苯二甲酸二(2-乙基己基)酯 (DEHP)、邻苯二甲酸丁苯酯 (BBP)、邻苯二甲酸二丁酯 (DBP)和邻苯二甲酸二异丁酯 (DIBP)

检测方法: 参考 IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013, IEC 62321-7-2:2017 和 IEC 62321-12:2023, 采用 ICP-OES/AAS, UV-Vis 和 GC-MS 进行分析。

检测项目	限值	单位	MDL	A1
铅 (Pb)	1000	mg/kg	2	ND
汞 (Hg)	1000	mg/kg	2	ND
镉 (Cd)	100	mg/kg	2	ND
六价铬 (Cr(VI))	1000	mg/kg	8	ND
多溴联苯之和 (PBB)	1000	mg/kg	-	ND
一溴联苯 (MonoBB)	-	mg/kg	25	ND
二溴联苯 (DiBB)	-	mg/kg	25	ND
三溴联苯 (TriBB)	-	mg/kg	25	ND
四溴联苯 (TetraBB)	-	mg/kg	25	ND
五溴联苯 (PentaBB)	-	mg/kg	25	ND
六溴联苯 (HexaBB)	-	mg/kg	25	ND
七溴联苯 (HeptaBB)	-	mg/kg	25	ND
八溴联苯 (OctaBB)	-	mg/kg	25	ND
九溴联苯 (NonaBB)	-	mg/kg	25	ND
十溴联苯 (DecaBB)	-	mg/kg	25	ND
多溴二苯醚之和 (PBDE)	1000	mg/kg	-	ND
一溴二苯醚 (MonoBDE)	-	mg/kg	25	ND
二溴二苯醚 (DiBDE)	-	mg/kg	25	ND
三溴二苯醚 (TriBDE)	-	mg/kg	25	ND
四溴二苯醚 (TetraBDE)	-	mg/kg	25	ND
五溴二苯醚 (PentaBDE)	-	mg/kg	25	ND
六溴二苯醚 (HexaBDE)	-	mg/kg	25	ND



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检测报告

编号: SHAEC25007389927

日期: 2025 年 04 月 16 日

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检测项目	限值	单位	MDL	A1
七溴二苯醚 (HeptaBDE)	-	mg/kg	25	ND
八溴二苯醚 (OctaBDE)	-	mg/kg	25	ND
九溴二苯醚 (NonaBDE)	-	mg/kg	25	ND
十溴二苯醚 (DecaBDE)	-	mg/kg	25	ND
邻苯二甲酸二(2-乙基己基)酯 (DEHP)	1000	mg/kg	50	ND
邻苯二甲酸丁苄酯 (BBP)	1000	mg/kg	50	ND
邻苯二甲酸二丁酯 (DBP)	1000	mg/kg	50	ND
邻苯二甲酸二异丁酯 (DIBP)	1000	mg/kg	50	ND

备注:

- (1) 最大允许极限值引用自 RoHS 指令(EU) 2015/863。
(2) IEC 62321 系列等同于 EN 62321 系列。
(3) 2021 年 7 月 22 号开始, DEHP, BBP, DBP 和 DIBP 的限制适用于医疗器械, 包括体外医疗器械, 监控仪表, 包括工业监测和控制仪器。

欧盟 RoHS 指令 2011/65/EU 附录 II 的修正指令(EU) 2015/863-铅、汞、镉和六价铬

检测方法: 参考 IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013 和 IEC 62321-7-1:2015, 采用 ICP-OES/AAS 和 UV-Vis 进行分析。

检测项目	限值	单位	MDL	A2
铅 (Pb)	1000	mg/kg	2	12
汞 (Hg)	1000	mg/kg	2	ND
镉 (Cd)	100	mg/kg	2	ND
六价铬 (Cr(VI))▼	-	µg/cm²	0.10	ND

备注:

- (1) 最大允许极限值引用自RoHS指令(EU) 2015/863。
(2) IEC 62321系列等同于 EN 62321系列。
(3) ▼ = a. 当六价铬的浓度高于0.13 µg/cm²时, 样品为阳性, 即含有六价铬;
b. 当六价铬的浓度为ND (低于0.10 µg/cm²) 时, 样品为阴性, 即未检测到六价铬;
c. 当六价铬的浓度介于0.10 µg/cm²与0.13 µg/cm²之间时, 无法直接判定是否检测到六价铬, 因不同个体的样品表面差异可能会影响测定结果。

由于未获知样品的存储条件和生产日期, 样品的六价铬检测结果仅能代表检测时样品含六价铬的状态。

本报告的检测结果和照片引用自报告 SHAEC25007389906。
除非另有说明, 参照 ILAC-G8:09/2019, 使用简单接受 (w=0) 的二元判定规则进行符合性判定。
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检测报告

附件

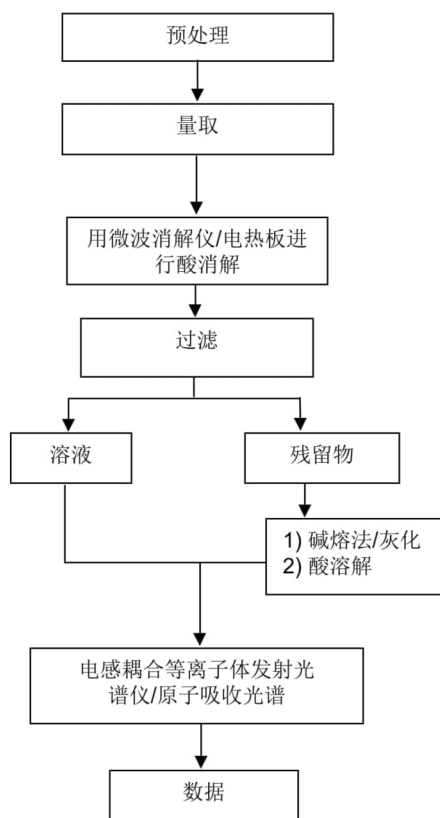
编号: SHAEC25007389927

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元素检测流程图

样品按照下述流程被完全消解



检测
验证
数据



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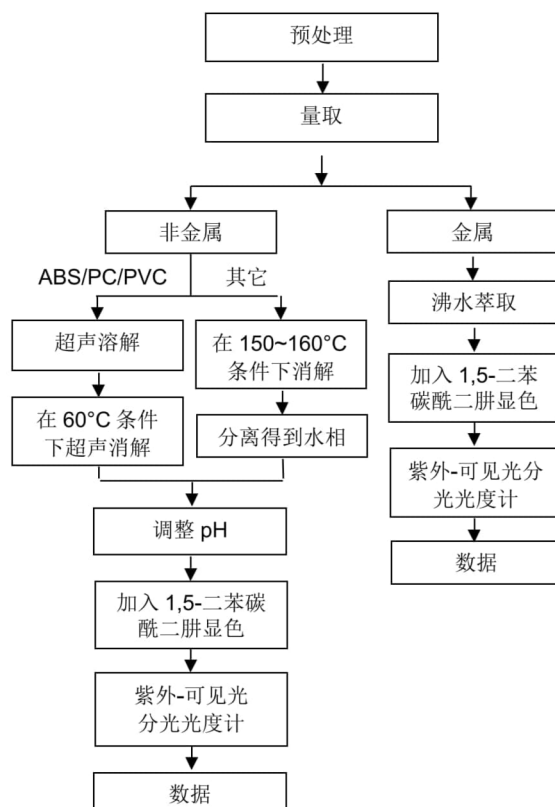
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六价铬检测流程图



检测 & 认证



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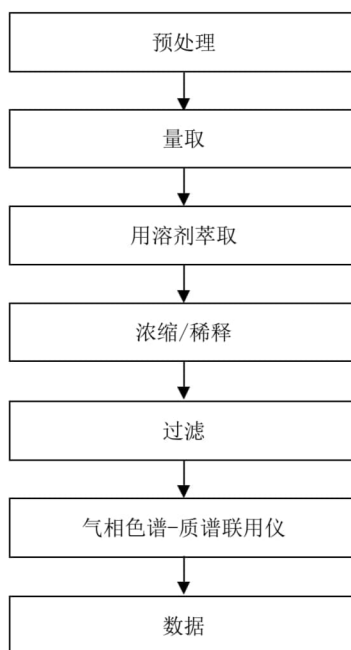
附件

编号: SHAEC25007389927

日期: 2025 年 04 月 16 日

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PBB/PBDE/Phthalates 检测流程图



检测流程图



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编号: SHAEC25007389927

日期: 2025 年 04 月 16 日

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有限公司 11/10/2025



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编号: SHAEC25007389927

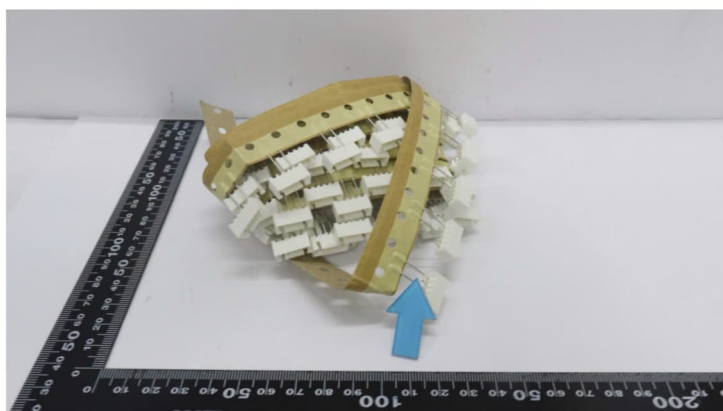
日期: 2025 年 04 月 16 日

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样品照片:



SHA25-0073899-0001.C001



SHA25-0073899-0001.C002

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RAST2.5型连接器检测报告



中国认可
国际互认
检测
TESTING
CNAS L0599

检测报告

编号: SHAEC25009453924

日期: 2025 年 04 月 30 日

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客户名称: 浙江联和电子有限公司
客户地址: 浙江省乐清市乐清湾港区乐商创业园
浙江省乐清市乐清湾港区电子信息产业园红旗路 8 号

样品名称: 端子 针
客户参考信息: 见附件
以上样品及信息由客户提供。

SGS 工作编号: TIC1020250424102925R3BD
样品接收时间: 2025 年 04 月 24 日
检测周期: 2025 年 04 月 24 日 ~ 2025 年 04 月 30 日
检测要求: 根据客户要求检测。
检测方法: 见后续页。
检测结果: 见后续页。

检测要求	结论
欧盟 RoHS 指令 2011/65/EU 附录 II 的修正指令(EU) 2015/863-铅、汞、镉和六价格	符合

通标标准技术服务(上海)有限公司
授权签名

(Handwritten signature)

Jenny Lan 兰柳珍
批准签署人

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检测报告 编号: SHAEC25009453924 日期: 2025 年 04 月 30 日 第 2 页, 共 8 页

检测结果:

检测部件外观描述:

样品序号	样品编号	SGS 样品 ID	样品描述
SN1	A4	SHA25-0094539-0001.C004	银色金属

备注:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL= 方法检出限
- (3) ND = 未检出(< MDL)
- (4) "-" = 未规定

欧盟 RoHS 指令 2011/65/EU 附录 II 的修正指令(EU) 2015/863-铅、汞、镉和六价铬

检测方法: 参考 IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013 和 IEC 62321-7-1:2015, 采用 ICP-OES/AAS 和 UV-Vis 进行分析。

检测项目	限值	单位	MDL	A4
铅 (Pb)	1000	mg/kg	2	9
汞 (Hg)	1000	mg/kg	2	ND
镉 (Cd)	100	mg/kg	2	ND
六价铬 (Cr(VI))▼	-	µg/cm²	0.10	ND

备注:

- (1) 最大允许限值引用自RoHS指令(EU) 2015/863。
- (2) IEC 62321系列等同于 EN 62321系列。
- (3) ▼ = a. 当六价铬的浓度高于0.13 µg/cm²时, 样品为阳性, 即含有六价铬;
b. 当六价铬的浓度为ND (低于0.10 µg/cm²) 时, 样品为阴性, 即未检测到六价铬;
c. 当六价铬的浓度介于0.10 µg/cm²与0.13 µg/cm²之间时, 无法直接判定是否检测到六价铬, 因不同个体的样品表面差异可能会影响测定结果。

由于未获知样品的存储条件和生产日期, 样品的六价铬检测结果仅能代表检测时样品含六价铬的状态。

除非另有说明, 参照 ILAC-G8:09/2019, 使用简单接受 (w=0) 的二元判定规则进行符合性判定。
除非另有说明, 此报告结果仅对检测的样品负责。本报告未经本公司书面许可, 不可部分复制。



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检测报告

附件

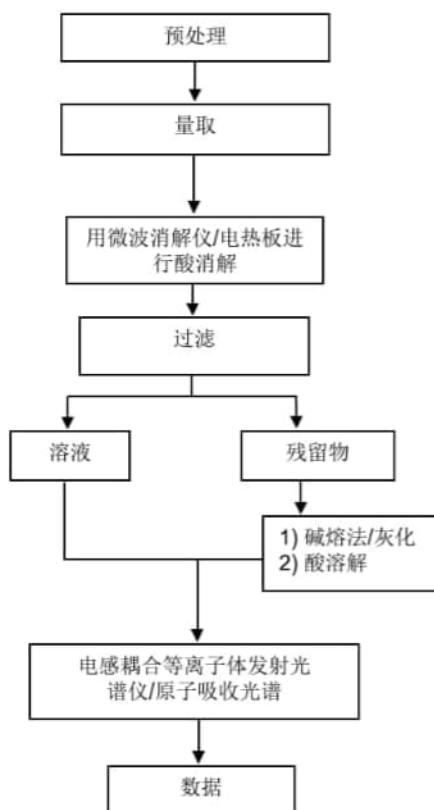
编号: SHAEC25009453924

日期: 2025 年 04 月 30 日

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元素检测流程图

样品按照下述流程被完全消解



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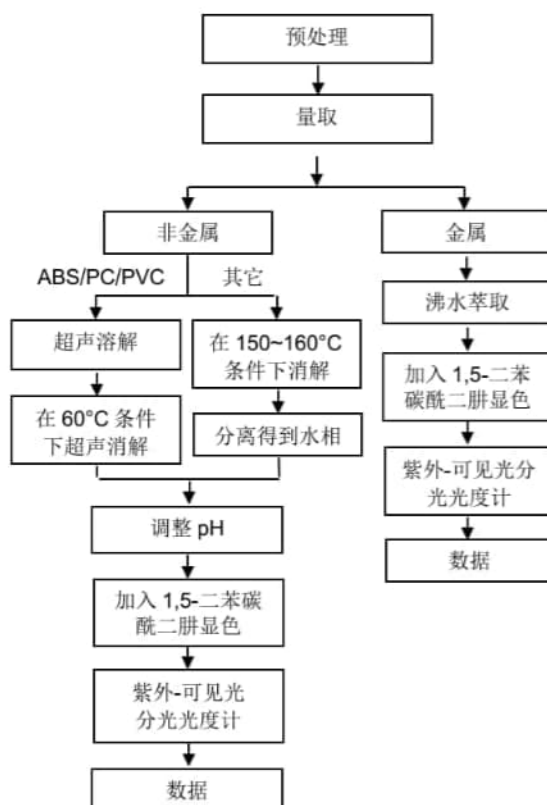
检测报告 附件

编号: SHAEC25009453924

日期: 2025 年 04 月 30 日

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六价铬检测流程图



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附件:

1.0, SH, SHD, 1.25, 51021, DF14, DF13, GH, ZH, PH, PHB, PA, PHSD, DF11, C1251, 51047, 51146, FI-S, PHD, YHD200, PA, SMP, SMW, SMH, SMH200, SMH200-H, YH200, 20039WR, 杜邦 2.0, 杜邦 2.0 排针/排母, 杜邦 2.54 排针/排母, XH/TJC3, XA, HA, XHB, XHD, XHE, EH, EI, 5263, 5264, 5267, 5268, SZN, SAN, SCN, SCND, SCNB, JC15, JC20, JC25, 5102, 5240, SMH250, SMP250, SMW250, 25048HS, 25045HP, SM, TJC8, 杜邦 2.54, TJC8A, 杜邦带锁, TJC8B, TJC8H, 5051, 2510, 美尚美, 43640, 43645, 43020, 43025, 5500, 5600, VH, VHRR, YH396, VHR, 35156, 2139, 3.96, 90331, 5195, 5196, 39612, FL, 5557, 5559, 5566, 5569, SL, RV42, EL, YL, 8981, 5058, 5.08, L6.2, VL, VLP/VLR, TJC2, TJC2A, TJC2B, TJC4, TJC1, 1806, MX3.0, 1.58, 51005, 51006, BH3.5, BH4.0, 63080, 51004, TJC15, A4203, CL014, OTP, MKH, SMF, Cy-X201, 35108, 35150, 35151, 35224, 35180, 35965, 42021, 42022, 42002, 35955, SA, SCS, 35189, 35196, CH10, CH2.5, 543, SLP, SLR, YHL500, YWL500, FFC, FPC, 20030, 250, LGC, S11, YH025, 35155, 25415, 5197, 5198, 110, 2.8, 6.3, SCS

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产品名称: PA66

版本日期: 15/03/2017

化 学 品 安 全 说 明 书 MSDS

第一部分: 化学制品、产品或公司信息

产品名称: PA66

产品别名: 聚酰胺

责任方: 浙江联和电子有限公司

一般用途: 工程热塑性塑料

MSDS编号: PA66



第二部分: 合成物或成分信息

组成部分: 成分 CAS号码基础树脂 32131-17-2这是一种聚合物材料。所有成分和聚合物系统紧密结合, 因此, 目前正常的加工和处理情况下没有存在接触的可能性。本产品可能含有专利成分。根据美国《职业安全与卫生条例》, 本产品没有被归类为危险品, 此化学品安全说明书包含关于安全处理和合理使用本产品的有价值的信息。该说明书应妥善保管以便员工或其他使用该产品的用户使用。本产品不受加拿大《工作场所危险物质信息系统》管制。

第三部分: 危险鉴定

紧急情况概述: 轻微的不规则颗粒状。燃烧分解可能会产生有危害性的气体基础树脂粉尘或粉末在美国矿务局相关粉尘爆炸的危害等级为低级。熔料可能会导致皮肤或眼睛接触性的热灼伤。此外, 溢出的固体硬颗粒可能会造成滑倒的危险。

潜在健康影响: 接触方式: 皮肤和眼睛接触; 气体吸入, 如果温度过热的话。征兆症状: 没有相关的具体资料。

即刻健康影响:

皮肤: 本产品没有相关的具体资料。产品中可能含有的聚合物颗粒和纤维增强也可能造成机械性的伤害。热性或熔化材料有潜在的可能导致热灼伤。

眼睛: 本产品没有相关的具体资料。产品中可能含有的聚合物颗粒和纤维增强也可能造成机械性的伤害。

吸入:

本产品没有相关的具体资料。从供应的形式来看, 本产品不存在被吸入的危险; 然而聚合物颗粒可能被认为是一种是惰性的微害微粒。加热过程中可能会有产生刺激性气体的危险。

摄入:

本产品没有相关的具体资料。但是, 基于高分子聚合物的生物活性, 摄取本产品预计会造成轻微的毒性。

长期或滞后影响:

没有相关的具体资料。

致癌性:

国际癌症研究机构 (IARC) 曾评估过本产品中可能含有的碳黑, 并发现它可能对人类有致癌性 (2B组)。本产品中的任何碳黑成分都被聚合物体系紧密结合, 因此, 目前正常的加工和处理情况下致癌的几率很小。

医疗条件

风险加剧:

本产品没有相关的具体资料。废气可能会被释放, 如果过热的话, 会影响那些有呼吸系统慢性疾病的人。

第四部分：急救措施

皮肤：如果烫的或熔化的聚合物或者热气接触皮肤，迅速用冷水降温。如果聚合物被粘在皮肤上，不要擅自去除，但是允许粘附的聚合物自然脱落，应寻求医学处理。相比聚合物随着时间推移自行脱落而言，擅自去除粘在皮肤上的聚合物，可能会造成更多的组织损伤。

眼睛：用大量的水冲洗。如果仍旧不舒适，应寻求医疗处理，去除异物。

吸入：转移到空气新鲜之处。如果呼吸困难的情况仍然发生，应寻求医学处理。

摄入：如果相当数量的本产品被吞咽，应饮用两杯水来稀释，并寻求医学处理。

医生注意事项：本产品本质上是惰性和无毒的。然而，如果被加热到高温或被燃烧，可能会有气体排放出来（见第五和第十部分的气体排放）。在这些排放的气体中，一氧化碳和一氧化氮均有可能具有显著的临床毒性。那些曾暴露在有毒气体中的患者需要检查碳氧血红蛋白水平和动脉血气。如果一个酸中毒患者的碳氧血红蛋白水平是正常的，考虑氰化物毒性。如果患者与气体的接触发生在密闭空间内，则存在窒息（二氧化碳逐渐替代氧气）发生的可能性。一氧化氮对呼吸道有着强烈的刺激性。如果患者可能已经吸入高浓度和刺激性的烟雾，应考虑监测肺水肿病延后发生的可能。

第五部分：救火措施

闪点：不适用

危险燃烧产物：一氧化碳、二氧化碳和氮氧化物

灭火介质：水、泡沫材料、二氧化碳或干化学制

剂灭火指南：消防人员应携带自给式呼吸器和全套防护服。消防人员避免逆风救火。水应该用来给火灾中各种容器的降温。水、泡沫和干化学制剂可能会对电器设备造成损伤。

第六部分：意外泄漏对策

泄漏处理程序：用适当工具清扫泄漏场所，收集泄漏物料，以便恢复和处理。

第七部分：处理和储藏

处理：没有合适的器械，不要处理烫的或者熔化的物料。工作场所应保持整洁有序。不要超过推荐的温度，使分解产物的释放均小化。不要在有聚合物粉尘存在的场所抽烟。在传输和加工的过程中，应采取恰当的措施控制粉尘的产生和积累。

储藏：储藏在阴凉干燥的场所，保证树脂的干燥度。

第八部分：接触控制 / 个人防护

工程控制：局部排气：建议在适当的时候以控制员工接触粉尘或蒸汽。总体而言，作为控制员工暴露在粉尘或者蒸汽中的唯一手段，此办法恐怕不能满足需要。

装备推荐：

皮肤：加热或熔化过程中，有机会接触物料时应穿着长裤、长袖、隔热手套和面罩。

眼睛：推荐安全眼罩。

吸入：如果粉尘或分解气体的产生有可能高于所允许接触的上限值，推荐使用经国家职业安全与健康研究所认证的防毒面罩 / 口罩。

接触指导方针：本产品中可能含有的任何玻璃颗粒被聚合物系统紧密结合。残留的玻璃颗粒（<1%）可能存在，导致机械性的眼部、皮肤和呼吸刺激。包括机械加工或磨削在内的操作或部分应加以审查，以确保颗粒水平低于推荐的标准，本产品可能含有炭黑。见下列的接触极限值。

成分	机构	参数
炭黑	美国职业安全与健康条例 -允许接触极限	3.5 mg/cu m
	美国政府工业卫生专家会议 -临界值限定	3.5 mg/cu m
微害惰性粉尘	美国职业安全与健康条例 -允许接触极限	15 mg/cu m (全部)
		5 mg/cu m (可吸入)
微害颗粒/微粒	美国政府工业卫生专家会议 -临界值限定	10 mg/cu m (全部)
		3 mg/cu m (可吸入)

第九部分：物理和化学特性

外观：颗粒状物
 气味：轻微的典型气味
 物理状态：固态
 气压：不适用
 熔点（树脂）： 265°C（509°F）
 溶解性：可忽略不计 <0.1%（水）
 比重： 1.40~1.50
 挥发率：<0.5按重量计

第十部分：稳定性和反应性

化学稳定性：在通常使用和储存条件下保持稳定
 避免条件：燃烧：不要加热超过 650°F（ 343°C）。避免长时间暴露在温度高于 600°F（316°C）的环境。
 不能共存性：强酸和氧化剂
 危险分解物：一氧化碳、氨 /氨水、脂族胺、氨基化合物/酰胺、酮、腈和氢氰酸。
 危险聚合反应：不会发生。

第十一部分：毒物学信息

本产品没有相关的具体资料。

第十二部分：生态学信息

生物毒性：对于树脂颗粒可能被野生动物摄入所造成的影响，我们还不是很清楚。如果是海鸟，一些海洋生物学家认为，鸟类消化道可能无法让塑料颗粒通过。因此，大量摄入颗粒可能会导致肠堵塞，饱食的错觉或营养吸收的减少，从而导致营养不良和饥饿。由塑料工业协会的发起的‘彻底清除行动’（OCS）的目标就是实现塑料颗粒零损失，防止其输入环境。
 环境结果/信息：此材料被认为是不可生物降解的。

第十三部分：处置条件

处置：鼓励回收。按照当地政策法规处置本产品。

第十四部分：运输信息

不适用

第十五部分：法规信息

<美国>《有毒物质管理法》：
 本产品的所有成分符合有毒物质管理法目录条例。
 <美国>《超级基金增补和再授权法案》： 本产品不包含任何受限于《紧急规划和社区知权法》（1986）第 313章和《联邦法规汇编》第 40标题第 372部分中的报告规定的有毒化学物质。

第十六部分：其它信息

危害等级：	健康	可燃性	反应性	其它
国家防火协会	1	1	0	
危险物质鉴别系统	1	1	0	

否认声明： 本产品不适用于作为医学或牙科植入物的使用。为获取详细的工艺指导和良好的生产实践（净化、工艺参数、停炉等），请参阅相应的大赛璐公告。据我们所知，这里所含的信息是正确的。我们没有暗示或者保证此文件所列出的危险已经包含全部危险。大赛璐不做任何关于在你方工艺或与其他物质结合过程中安全使用本产品的明示或暗示性的保证。本产品的使用效果可能会因为其他材料的使用而恶化；或者说本产品可能增强，也可能恶化其他材料的使用效果。用户有其责任对任何使用或者使用方式加以仔细考虑并确定物料的适用性。用户必须符合所有适用的安全和健康标准。

编号: LHE-S006		
成品 MSDS		
1. 物品成分与厂商资料		
厂商名称: 浙江联和电子有限公司	物品编号: LHE-WF1001	
地址: 浙江省温州乐清市乐清湾港区创新路8号	物品名称: 黄铜镀锡针	
联系电话: 0577-62383699	纯物质:	
	危害物质成分 (%) 无	
2. 成份辨识资料		
成份名称	化学文摘社登记号码(CAS No.)	浓度范围 (成分百分比 Percentage %)
铜(Cu)	7440-50-8	64.9%
磷(P)	7723-14-0	0.001%
锌(Zn)	7440-66-6	余量
镍(Ni)	7440-02-0	0.01%
锑(Sb)	7440-36-0	0.001%
铅(Pb)	7439-92-1	<0.009%
铁(Fe)	7439-89-6	<0.1%
纯镍(Ni)	7440-02-0	0.05%
纯锡(Sn)	7440-31-5	0.1%
2. 危害辨认资料		
严重危害效应	健康危害效应: 本产品为固体时不具健康危害及危害	
	环境影响: 本产品为固体时对环境不具影响	
	物理性及化学性危害: 固体/无味/多色	
	特殊危害: 固体时(防火或高温)无特殊危害	
主要症状: 无		
3. 急救措施		
急救方法	吸入: 无吸入	
	皮肤接触: 接触无危害	
	食入: 无食入	
主要症状及危害效应: 无		
4. 灭火措施		
通用灭火器: 二氧化碳, 泡沫, 干粉化学灭火器, 水雾等		
灭火时可能遭遇之特殊危害: 会引起火灾		
消防人员之特殊防护装备: 使用从氧式吸防护具		
5. 泄漏处理方法		
个人应注意事项: 注意工作台面清洁, 作业时及时清洗手		
环境注意事项: 将泄漏之物料以容器盛装以便回收或废弃		
清理方式: 工作台面每天作业前/后须擦拭干净, 建议可以戴手套或手指套作业		
6. 安全处置与储存方法		
处置: 废弃物可送到政府许可的废弃物处理中心进行处理		

RAST2.5型连接器检测报告



储存：空调仓，23±5℃，湿度 65%以下，仓库里面安装灭火器	
7. 暴露预防措施	
个人防护设备	呼吸防护：口罩，一般无此要求，可以建议采用
	手部防护设备：手套火手指套，一般无此要求，可以建议采用
	眼睛防护：安全目镜或眼镜
	皮肤及身体防护：穿工作服，经常勤洗
卫生措施：建议使用安全目镜，进食前应洗手及脸部，平时多运动，保持健康体力	
8. 物料及化学性质	
物质状态：固体	形状：连接器
颜色：多色	气味：无味
PH 值：未测定	沸点：未测定
分解温度：未测定	爆炸介限：无
自然温度：固体无	溶解度：固体无
9. 安全性及反应性	
安全性：正常状态下安全	
特殊状况下可能之危害反应：无	
应避免之状况：避免接触火源和太阳光直射	
应避免之物质：火和酸碱性物质	
危害分解物：无	
10. 毒性资料	
急毒性	吸入：无
	皮肤接触：无
	眼睛：无
局部效应：无	特殊效应：无
11. 废弃物处理方法：废弃物可送到政府许可的废弃物处理中心进行处理	
12. 运送资料	
联合国编号：无	运输规定：并无危险分类
运送方法及注意事项：勿重压，轻拿轻放	
13. 适用法规：1.劳工安全卫生设施规划；2.危害物及有害物通讯规划；3.索尼环境通用规定；4 劳工工业环境空气中有害物容许溶度标准；5 道路交通安全规划	
14. 其他资料：	
15.法规资料	
适用法规	1.劳工安全卫生设施规则 2.RoHS 法规及有害物通识规则
16.其它资料	
参考文献	有害化学物质中文资料库，环保局
制表单位	浙江联和电子有限公司
制造商及供应商地址	浙江省温州乐清市乐清湾港区创新路8号
电话	0577-62383699
制表者	陈浙海
制表日期	2022-3-23

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