

1. 适用范围 Scope:

此作业规范适用于: 0.5/1.0 PITCH FPC ZIF 立式抽屉式系列

This product specifications is applied for: 0.5/1.0 PITCH FPC ZIF vertical draw-out type series

与 FPC/FFC 连接方式 Connected to the FPC/FFC : ZIF

FPC/FFC 适合厚度 FPC/FFC is suitable for thickness : 0.30±0.03mm

2. 关联规格 Related specifications:

EIA-364 : 电子连接器及接插件测试程序 Electronic connectors and connector test procedure

UL STD-94 : 关于塑材设备零配件及器材阻燃性测试规范 On the plastic material and equipment spare parts and equipment flame retardancy test specification

3. 构造 尺寸 材料 Configurations dimensions and materials :

参见结构图 Reference the drawing.

序号 No.	部位 Position	原材料供应商 material suppliers	材料名/Type名 Materials	防火等级 FLAME CLASS	UL 编号 FILE NO.
1	主体 (HOUSING)	宝理 POLYPLASTICS CO., LTD	LCP Liquid crystal polymer E473i (自然色 Natural)	V-0	E106764
2	推杆 (ACTUATOR)	可乐丽 KURARAY CO., LTD	Polyamide 9T GN2450 (黑色 Black)	V-0	E90350

4. 标准状态:

4.1 额定电压 Rating voltage: AC/DC 50V

4.2 额定电流 Rating current: 0.5A

4.3 温湿度范围 Temperature and humidity range

4.3.1 使用温度范围 operation temperature: -40°C~+105°C;

4.3.2 储存温度范围 storage temperature: -40°C~+105°C;

4.3.3 开封使用温度范围 Kaifeng temperature range: +5°C~+35°C;

开封使用湿度 Kaifeng Humidity 60%RH MAX.;

4.3.4 保存湿度范围: 相对湿度 45~80%RH; Keep humidity range: Relative humidity 45~80%RH;

5. 性能 Performance

5.1 构造 Structure

序号 NO.	项目 Item	测试方法 Test conditions	规格要求 Specifications
1	外观 Appearance	目视, 寸法测量 Visual, Method of measurement	符合图面要求 Conform to the requirements of the drawings

5.2 电气性能 Electrical Performance

序号 NO.	项目 Item	测试方法 Test conditions	规格要求 Specifications
1	接触阻抗 Contact Resistance	适配 FFC 标准线, 开放电压: 20mV 以下, 短路电流: 10mA 以下 Mate applicable FPC, measure by dry circuit, 20mV MAXIMUM, 10mA MAXIMUM	30mΩ Max.
2	绝缘阻抗 Insulation Resistance	相邻端子间 DC 500V, 1 分钟。 DC 500V between adjacent terminals, 1 minutes	500MΩ Min.
3	耐电压 Dielectric withstanding voltage	相邻端子间 AC 500V, 感度电流 2mA, 1 分钟。 AC 500V between adjacent terminals, sensitivity of current 2mA, 1 minutes	无击穿, 无短路 No Breakdown.
4	温度上升 Temperature rise	端子在额定电压·电流下工作时测量端子上升的温度 The rising temperature measurement terminal terminal at rated current under.	30°C max

本制品不含 SS-00259 和 ROHS 禁止使用的环境物质

This product does not contain SS-00259 and ROHS banned the use of environmental substances

制品仕様书 Product specification	Part name	0.5/1.0 PITCH FPC ZIF vertical draw-out type series (立式抽屉式系列)		
Amphenol Aorora Technology (Huizhou) Co.,Ltd	Part No.	F336-1A7*1-110** F314-1A7*1-110** F31A-1A7*1-110** F31W-1A7*1-110** F31Z-1A7*1-110** F31X-1A7*1-110** F31Y-1A7*1-110** F32A-1A7*1-110** F32U-1A7*1-110**	F536-1A7*1-110** F514-1A7*1-110** F51A-1A7*1-110** F51W-1A7*1-110** F51Z-1Z7*1-110** F51X-1A7*1-110** F51Y-1A7*1-110** F52A-1A7*1-110**	1/8
Document No. : IS.EQC.012	Date: 2016/04/05	Rev. : D	Written by: May	Checked by: Rain Approved by: Hongkui.Liu

5.3 机械性能 Mechanical performance						
序号 NO.	项目 Item	测试方法 Test conditions	规格要求 Specifications			
1	FFC/FPC 保持力 Retention Force	FFC 插入 FPC 连接品后，以 25~100mm/分匀速垂直拔出，此动作重复三次后，第四次才作测量资料的记录。 FFC insert the FPC connection with a 25~100mm/ product, uniform vertical pull, this action is repeated three times, fourth times for measurement data records.	见“FFC/FPC 保持力” SEE “FFC/FPC Retention Force”			
2	固定片保持力 Anchor-Plate Retention Force	以 25~100mm/分匀速垂直拔出 Vertical pull out at a constant speed to 25 ~ 100 mm/min	400gf/terminal Min.			
3	推杆纵向拉断力 Pulling strength	将推杆组装成品后固定于治具上，两边同时从胶芯中匀速垂直拉出直至断裂并记录数据。速度 25-100mm/分 Fixed on the fixture, after finished product will push rod ends at the same time from the main body to a 25-100 mm/min speed pulled up until the side hook fracture and record data.	1.7Kgf Min.			
4	推杆横向拉断力	垂直推杆勾于仪器上用力向下拉使侧钩断裂，并记录数据。速度 25-100mm/分。 Push rod side hook hook on the instrument, the vertical force at 25 to 100 mm/min speed down to make the fracture and record data	0.75Kgf Min.			
5	推杆垂直拉断力	舌片固定测试仪器上以 25-100mm/分的速度垂直向上拉出，直至断裂，并记录数据 Tongue fixed test instrument at a rate of 25-100 - mm/min vertical pull out, until the break, and record the data	1.7Kgf Min			
6	推杆强度	将推杆平放于治具上，治具对准推杆中部，以 25-100mm/分的速度下压直至断裂 The putter flat on fixture, fixture on the push rod in central, down at the rate of 25-100 - mm/min until the fracture	1.7Kgf Min			
7	端子保持力 Terminal Retention Force	将端子 25~100mm/分匀速垂直从胶芯槽内拔出 Apply axial pull out force on the terminal assembled in the housing at the speed rate of 25~100mm per minute.	100gf/terminal Min.			
8	SLIDER 动作力 Operating Force	将 FFC/FPC 插入主体后，测量 SLIDER 插入和拔出的作用力 After insert the FFC main body, the SLIDER insert and pull out force measurement	见“SLIDER 作用力” “FFC/FPC Operating Force”			
9	侧耳强度 Give ear strength	垂直主体侧耳，使其接合线外受力，直至破裂。 Give ear, embody the vertical joint line outside force, until the break	0.8kgf min			
10	插拔耐久性 Durability	以下动作进行 30 次巡回： FPC 插入、SLIDER 插入、SLIDER 拔出、FPC 拔出 The following action 30 Tour FPC insert, Slider insert, Slider withdraw, FPC withdraw	接触阻抗 Contact Resistance 50mΩ Max. 无异常 No abnormal appearance			
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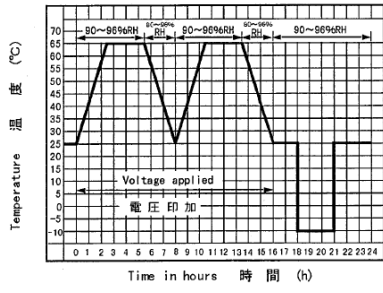
5.4 环境性能和其它 Environmental Performance and Others

序号 NO.	项目 Item	测试方法 Test conditions	规格要求 Specifications
1	耐振性 Vibration	配合合适的FPC, 按以下条件, X、Y、Z方向各2小时, 共6小时在测试过程中通过直流1mA, 振幅1.5mm, 频率10-55-10Hz/分。 Mate applicable FPC, according to the following conditions, X, Z, Y direction of each 2 hours, a total of 6 hours passing DC 1mA during the test. Amplitude : 1.5mm P-P Frequency : 10-55-10 Hz Shall be traversed in 1 minute.	接触阻抗初始值2倍以下 The initial value of 2 times the contact impedance
2	耐冲击性 Shock	配合合适的FPC, 按以下条件, X、Y、Z方向各11ms, 各3回, 共18回, 在测试过程中通过直流1mA, 加速度490m/s ² , Mate applicable FPC, according to the following conditions, X, Z, Y direction of the 11ms, the 3 times, a total of 18 times during the test process by DC 1mA. Test pulse : Half Sine Peak value : 490m/s ² {50G} Duration : 11 milliseconds	瞬断1μs以内; Discontinuity: 1μs Max. 外观无异常 No abnormal appearance
3	耐寒性 Cold Resistance	配合合适的FPC, -40±3℃中放置时间96H后取出, 1~2小时常温放置后进行测试。 Mate applicable FPC, after -40±3℃, the time of 96H was removed, and the test was conducted at room temperature for 1~2 hours.	
4	耐热性 Heat Resistance	配合合适的FPC, 105±2℃中放置时间96H后取出, 1~2小时常温放置后进行测试。 Mate applicable FPC, after 105±2℃, the time of 96H was removed, and the test was conducted at room temperature for 1~2 hours.	1. 接触阻抗: 30mΩ Max. 2. 绝缘阻抗: 100 MΩ Min. 3. 耐电压: 无击穿, 短路 4. 外观: 无异常
5	耐湿性 Humidity	配合合适的FPC, 40±3℃、相对湿度90~95%中放置时间96H后取出, 1~2小时常温放置后进行测试。 Mate applicable FPC, 40±3℃, relative humidity 90~95% in the time of 96H after removal, 1~2 hours after room temperature for testing.	1. Contact Resistance: 30mΩ Max. 2. Insulation Resistance : 100 MΩ Min.
6	盐雾试验 Salt Spray	配合合适的FPC, 温度35±2℃; 盐水比重5±1%喷雾试验, 试验后常温水洗干燥后进行测试。 A: 镀金 48h B: 镀锡 24h C: 单pin端子 48h Mate applicable FPC, the temperature of 35±2℃, the proportion of salt water was 5±1% the test was carried out at room temperature after washing and drying. A: gold plating 48H B: tin 24h C: single pin terminal 48H	3. Dielectric withstanding voltage: No Breakdown. 4. No abnormal appearance

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序号 NO.	项目 Item	测试方法 Test conditions	规格要求 Specifications																			
7	冷热冲击 Thermal Shock	配合合适的 FPC, $-55 \pm 3^{\circ}\text{C}$; $85 \pm 2^{\circ}\text{C}$ 的温度下各放置 30 分钟, 共进行 5 次循环 Mate applicable FPC, $-55 \pm 3^{\circ}\text{C}$, $85 \pm 2^{\circ}\text{C}$, 30 minutes, 5 cycles were performed. 1: -55°C 30 minutes 2: $+85^{\circ}\text{C}$ 30 minutes	1. 接触阻抗: $30\text{m}\Omega$ Max. 2. 绝缘阻抗: $100\text{M}\Omega$ Min. 3. 耐电压: 无击穿, 短路 4. 外观: 无异常																			
8	耐湿性 (温湿度循环) Humidity (Temperature and Humidity Cycle)	配合合适的 FPC, 依照下面曲线完成 5 次循环试验。 Mate applicable FPC, complete the 5 cycle test according to the curve below. 	1. Contact Resistance: $30\text{m}\Omega$ Max. 4. Insulation Resistance: $100\text{M}\Omega$ Min. 5. Dielectric withstanding voltage: No Breakdown. 4. No abnormal appearance																			
9	沾锡性 Solderability	端子焊脚和固定片前端 0.3mm, 沾锡温度 $245 \pm 3^{\circ}\text{C}$ (Sn: Lead Free); 时间 $3 \pm 0.5\text{S}$ Terminal welding feet and fitting nail front 0.3mm, soldering temperature $245 \pm 5^{\circ}\text{C}$ (Sn: Lead Free); time $3 \pm 0.5\text{S}$	吃锡饱满, 在 95% 以上 95% of immersed area must show no voids, pin holes																			
10	焊锡耐热性 Resistance to Soldering Heat	端子焊脚和固定片前端 0.3mm, 烙铁温度 $350 \pm 10^{\circ}\text{C}$ (Sn: Lead Free); 时间 $10+1/-0\text{S}$ Terminal welding feet and fitting nail front 0.3mm, soldering Iron temperature $350 \pm 10^{\circ}\text{C}$ (Sn: Lead Free), time: $10+1/-0\text{S}$	满足电气性能 Meet the electrical properties 共面度 0.10mm Max. 外观无异常, Coplanar degree 0.10mm Max. No abnormal appearance.																			
11	Reflow	预备加热时间 Pre-heating time: 150°C $60 \sim 120\text{s}$. 焊锡温度时间 Soldering Temperature Time: 250°C $30 \pm 1\text{s}$.																				
12	耐硫化性 (镀金品) Sulfidation resistance (Gold)	满足三种混合气体的试验的要求 Meet the requirements of the test of three kinds of mixed gas <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>H₂S</th> <th>NO₂</th> <th>SO₂</th> <th>Temperature</th> <th>Humidity</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td>0.5ppm</td> <td>1.0ppm</td> <td>1.0ppm</td> <td>35°C</td> <td>70%RH</td> <td>72H</td> </tr> </tbody> </table>	H ₂ S	NO ₂	SO ₂	Temperature	Humidity	Time	0.5ppm	1.0ppm	1.0ppm	35°C	70%RH	72H	接触阻抗初始值 2 倍以下 The initial value of 2 times the contact impedance 触点附近无明显腐蚀。 Nearby contact no significant corrosion							
H ₂ S	NO ₂	SO ₂	Temperature	Humidity	Time																	
0.5ppm	1.0ppm	1.0ppm	35°C	70%RH	72H																	
14	耐溶剂 Solvent	将产品放入异丙基酒精容器中 90 秒后取出。Product into the isopropyl alcohol container removed after 90 seconds.	满足电气性能, 外观无异常。 Meet electrical performance No abnormal appearance.																			
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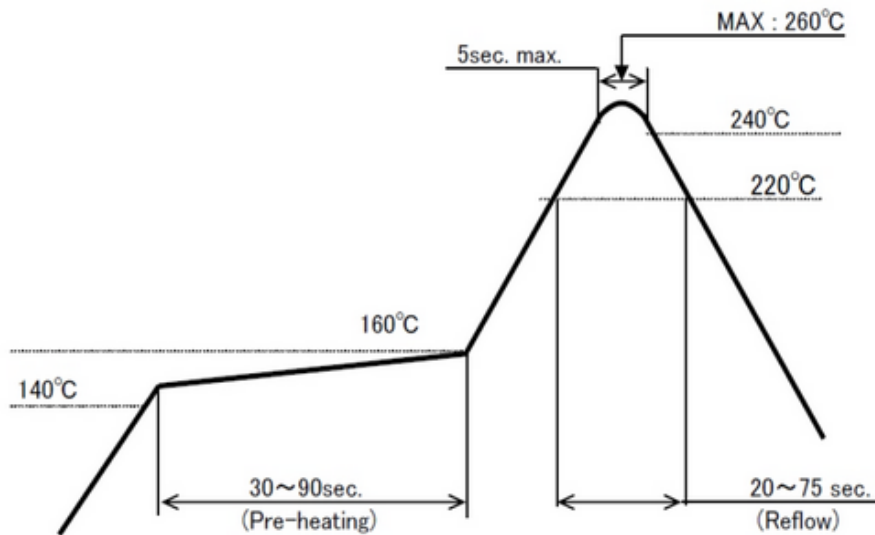
6. 包装 Packing

参见捆包图。See the drawing

7. 修改内容 Change content

版本 Rev.	改正日期 Modify date	改正内容 Modifications	Written by	Checked by
A	2012/08/07	New	贺恩海	叶正闲
B	2014/11/10	新增 55pin 力值	王梅芳	韩奇
C	2015/12.30	修订内容, 更新为中英文对照	王梅芳	韩奇
D	2016/4/5	修订内容, 中文一致	王梅芳	

Reflow Condition:



REFLOW TEMPERATURE PROFILE
(Temperature on the product surface)

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SLIDER 作用力 Slider Force:

极数 No. of CKT.	单 位 UNIT	插入力 (最大值) INSERTION FOR CE (MAXIMUM)			拔出力 (最大值) WITHDRAWAL FORCE (MAXIMUM)		
		初回	6 回目	30 回目	初回	6 回目	30 回目
		1st	6th	30th	1st	6th	30th
4	N { kgf }	28.4 { 2.9 }	26.4 { 2.7 }	26.4 { 2.9 }	36.2 { 3.8 }	35.2 { 3.4 }	35.2 { 3.4 }
5	N { kgf }	29.3 { 3.0 }	27.4 { 2.8 }	27.4 { 2.9 }	37.2 { 3.9 }	35.2 { 3.5 }	35.2 { 3.5 }
6	N { kgf }	30.3 { 3.1 }	28.4 { 2.9 }	28.4 { 2.9 }	39.2 { 4.0 }	35.2 { 3.6 }	35.2 { 3.6 }
8	N { kgf }	32.3 { 3.3 }	30.3 { 3.1 }	30.3 { 3.1 }	41.1 { 4.2 }	37.2 { 3.8 }	37.2 { 3.8 }
9	N { kgf }	33.3 { 3.4 }	31.3 { 3.2 }	31.3 { 3.2 }	42.1 { 4.3 }	38.2 { 3.9 }	38.2 { 3.9 }
10	N { kgf }	34.3 { 3.5 }	32.3 { 3.3 }	32.3 { 3.3 }	43.1 { 4.4 }	39.2 { 4.0 }	39.2 { 4.0 }
12	N { kgf }	36.2 { 3.7 }	34.3 { 3.5 }	34.3 { 3.5 }	45.0 { 4.6 }	41.1 { 4.2 }	41.1 { 4.2 }
13	N { kgf }	37.2 { 3.8 }	35.2 { 3.6 }	35.2 { 3.6 }	46.1 { 4.7 }	42.2 { 4.3 }	42.2 { 4.3 }
14	N { kgf }	38.2 { 3.9 }	36.2 { 3.7 }	36.2 { 3.7 }	47.0 { 4.8 }	43.1 { 4.4 }	43.1 { 4.4 }
15	N { kgf }	39.2 { 4.0 }	37.2 { 3.8 }	37.2 { 3.8 }	48.0 { 4.9 }	44.1 { 4.5 }	44.1 { 4.5 }
16	N { kgf }	40.1 { 4.1 }	38.2 { 3.9 }	38.2 { 3.9 }	49.0 { 5.0 }	45.0 { 4.6 }	45.0 { 4.6 }
17	N { kgf }	41.1 { 4.2 }	39.2 { 4.0 }	39.2 { 4.0 }	49.9 { 5.1 }	46.0 { 4.7 }	46.0 { 4.7 }
18	N { kgf }	42.1 { 4.3 }	40.1 { 4.1 }	40.1 { 4.1 }	50.9 { 5.2 }	47.0 { 4.8 }	47.0 { 4.8 }
20	N { kgf }	44.1 { 4.5 }	42.1 { 4.3 }	42.1 { 4.3 }	52.9 { 5.4 }	49.0 { 5.0 }	49.0 { 5.0 }
21	N { kgf }	45.0 { 4.6 }	43.1 { 4.4 }	43.1 { 4.4 }	53.9 { 5.5 }	49.9 { 5.1 }	49.9 { 5.1 }
22	N { kgf }	46.0 { 4.7 }	44.1 { 4.5 }	44.1 { 4.5 }	54.8 { 5.6 }	50.9 { 5.2 }	50.9 { 5.2 }
23	N { kgf }	47.0 { 4.8 }	45.0 { 4.6 }	45.0 { 4.6 }	55.8 { 5.7 }	51.9 { 5.3 }	51.9 { 5.3 }

本制品不含 SS-00259 和 ROHS 禁止使用的环境物质

This product does not contain SS-00259 and ROHS banned the use of environmental substances

制品仕様书 Product specification	Part name	0.5/1.0 PITCH FPC ZIF vertical draw-out type series (立式抽屉式系列)			
Amphenol Aorora Technology (Huizhou) Co.,Ltd	Part No.	F336-1A7*1-110** F536-1A7*1-110** F314-1A7*1-110** F514-1A7*1-110** F31A-1A7*1-110** F51A-1A7*1-110** F31W-1A7*1-110** F51W-1A7*1-110** F31Z-1A7*1-110** F51Z-1Z7*1-110** F31X-1A7*1-110** F51X-1A7*1-110** F31Y-1A7*1-110** F51Y-1A7*1-110** F32A-1A7*1-110** F52A-1A7*1-110** F32U-1A7*1-110**	6/8		
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极数 No. of CKT.	单位 UNIT	插入力 (最大值) INSERTION FOR CE (MAXIMUM)			拔出力 (最大值) WITHDRAWAL FORCE (MAXIMUM)		
		初回 1st	6 回目 6th	30 回目 30th	初回 1st	6 回目 6th	30 回目 30th
24	N { kgf }	48.0 { 4.9 }	46.0 { 4.7 }	46.0 { 4.7 }	56.8 { 5.8 }	52.9 { 5.4 }	52.9 { 5.4 }
25	N { kgf }	49.0 { 5.0 }	47.0 { 4.8 }	47.0 { 4.8 }	57.8 { 5.9 }	53.9 { 5.5 }	53.9 { 5.5 }
26	N { kgf }	49.9 { 5.1 }	48.0 { 4.9 }	48.0 { 4.9 }	58.8 { 6.0 }	54.8 { 5.6 }	54.8 { 5.6 }
27	N { kgf }	50.9 { 5.2 }	49.0 { 5.0 }	49.0 { 5.0 }	59.7 { 6.1 }	55.8 { 5.7 }	55.8 { 5.7 }
28	N { kgf }	51.9 { 5.3 }	49.9 { 5.1 }	49.9 { 5.1 }	60.7 { 6.2 }	56.8 { 5.8 }	56.8 { 5.8 }
30	N { kgf }	53.9 { 5.5 }	51.9 { 5.3 }	51.9 { 5.3 }	62.7 { 6.4 }	58.8 { 6.0 }	58.8 { 6.0 }
32	N { kgf }	55.8 { 5.7 }	53.9 { 5.5 }	53.9 { 5.5 }	63.6 { 6.6 }	60.7 { 6.2 }	60.7 { 6.2 }
33	N { kgf }	56.8 { 5.8 }	54.8 { 5.6 }	54.8 { 5.6 }	64.6 { 6.7 }	61.7 { 6.3 }	61.7 { 6.3 }
34	N { kgf }	57.8 { 5.9 }	55.9 { 5.7 }	55.9 { 5.7 }	65.6 { 6.8 }	62.7 { 6.4 }	62.7 { 6.4 }
36	N { kgf }	59.7 { 6.1 }	57.8 { 5.9 }	57.8 { 5.9 }	68.6 { 7.0 }	64.6 { 6.6 }	64.6 { 6.6 }
40	N { kgf }	63.7 { 6.5 }	61.7 { 6.3 }	61.7 { 6.3 }	72.5 { 7.4 }	68.6 { 7.0 }	68.6 { 7.0 }
42	N { kgf }	65.7 { 6.7 }	63.7 { 6.5 }	63.7 { 6.5 }	74.5 { 7.6 }	70.6 { 7.2 }	70.6 { 7.2 }
43	N { kgf }	66.7 { 6.8 }	64.7 { 6.6 }	64.7 { 6.6 }	75.5 { 7.7 }	71.6 { 7.3 }	71.6 { 7.3 }
45	N { kgf }	67.6 { 6.9 }	65.7 { 6.7 }	65.7 { 6.7 }	77.5 { 7.9 }	73.5 { 7.5 }	73.5 { 7.5 }
50	N { kgf }	72.5 { 7.4 }	70.6 { 7.2 }	70.6 { 7.2 }	81.4 { 8.3 }	77.5 { 7.9 }	77.5 { 7.9 }
53	N { kgf }	75.5 { 7.7 }	73.5 { 7.5 }	73.5 { 7.5 }	84.3 { 8.6 }	80.4 { 8.2 }	80.4 { 8.2 }
55	N { kgf }	77.4 { 7.9 }	75.5 { 7.7 }	75.5 { 7.7 }	85.3 { 8.7 }	81.3 { 8.3 }	81.3 { 8.3 }
56	N { kgf }	78.4 { 8.0 }	76.5 { 7.8 }	76.5 { 7.8 }	87.3 { 8.9 }	83.3 { 8.5 }	83.3 { 8.5 }
60	N { kgf }	82.4 { 8.4 }	80.4 { 8.2 }	80.4 { 8.2 }	91.2 { 9.3 }	86.3 { 8.8 }	86.3 { 8.8 }

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制品仕様书 Product specification	Part name	0.5/1.0 PITCH FPC ZIF vertical draw-out type series (立式抽屉式系列)			
Amphenol Aorora Technology (Huizhou) Co.,Ltd	Part No.	F336-1A7*1-110** F536-1A7*1-110** F314-1A7*1-110** F514-1A7*1-110** F31A-1A7*1-110** F51A-1A7*1-110** F31W-1A7*1-110** F51W-1A7*1-110** F31Z-1A7*1-110** F51Z-1Z7*1-110** F31X-1A7*1-110** F51X-1A7*1-110** F31Y-1A7*1-110** F51Y-1A7*1-110** F32A-1A7*1-110** F52A-1A7*1-110** F32U-1A7*1-110**	7/8		
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FFC/FPC 保持力 FFC/FPC Retention Force:

极数 No. of CKT.	单 位 UNIT	拔出力 (最小值) WITHDRAWALFORCE (MINIMUM)		极数 No. of CKT.	单 位 UNIT	拔出力 (最小值) WITHDRAWALFORCE (MINIMUM)	
		初回 1st	30 回目 20th			初回 1st	30 回目 20th
4	N { kgf }	1.0 { 0.10 }	0.6 { 0.06 }	26	N { kgf }	9.7 { 0.99 }	8.0 { 0.82 }
5	N { kgf }	1.3 { 0.13 }	0.8 { 0.08 }	27	N { kgf }	10.1 { 1.03 }	8.4 { 0.85 }
6	N { kgf }	1.7 { 0.17 }	1.0 { 0.10 }	28	N { kgf }	10.5 { 1.07 }	8.7 { 0.89 }
8	N { kgf }	2.5 { 0.25 }	1.7 { 0.17 }	30	N { kgf }	11.3 { 1.15 }	9.92 { 0.95 }
9	N { kgf }	2.9 { 0.29 }	2.1 { 0.21 }	32	N { kgf }	12.1 { 1.23 }	10.1 { 1.03 }
10	N { kgf }	3.3 { 0.33 }	2.4 { 0.24 }	33	N { kgf }	12.5 { 1.27 }	10.4 { 1.06 }
12	N { kgf }	4.2 { 0.42 }	3.2 { 0.32 }	34	N { kgf }	12.9 { 1.31 }	10.7 { 1.08 }
13	N { kgf }	4.6 { 0.46 }	3.5 { 0.35 }	36	N { kgf }	13.8 { 1.40 }	11.5 { 1.17 }
14	N { kgf }	4.9 { 0.50 }	3.9 { 0.39 }	40	N { kgf }	15.3 { 1.56 }	12.9 { 1.32 }
15	N { kgf }	5.3 { 0.54 }	4.2 { 0.42 }	42	N { kgf }	15.4 { 1.58 }	14.7 { 1.50 }
16	N { kgf }	5.7 { 0.58 }	4.6 { 0.46 }	43	N { kgf }	15.8 { 1.61 }	15.1 { 1.50 }
17	N { kgf }	6.1 { 0.62 }	4.8 { 0.49 }	45	N { kgf }	16.5 { 1.69 }	15.8 { 1.54 }
18	N { kgf }	6.5 { 0.66 }	5.2 { 0.53 }	50	N { kgf }	18.4 { 1.88 }	17.7 { 1.81 }
20	N { kgf }	7.3 { 0.74 }	5.9 { 0.60 }	52	N { kgf }	19.1 { 1.95 }	18.4 { 1.87 }
21	N { kgf }	7.7 { 0.78 }	6.3 { 0.64 }	53	N { kgf }	19.5 { 1.99 }	18.7 { 1.91 }
22	N { kgf }	8.2 { 0.83 }	6.7 { 0.68 }	55	N { kgf }	20.2 { 2.07 }	19.5 { 1.99 }
23	N { kgf }	8.5 { 0.87 }	7.0 { 0.71 }	56	N { kgf }	20.6 { 2.11 }	19.9 { 2.03 }
24	N { kgf }	8.9 { 0.91 }	7.3 { 0.74 }	60	N { kgf }	22.1 { 2.25 }	21.4 { 2.18 }
25	N { kgf }	9.4 { 0.95 }	7.7 { 0.78 }				

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制品仕様书 Product specification	Part name	0.5/1.0 PITCH FPC ZIF vertical draw-out type series (立式抽屉式系列)			
Amphenol Aorora Technology (Huizhou) Co.,Ltd	Part No.	F336-1A7*1-110** F536-1A7*1-110** F314-1A7*1-110** F514-1A7*1-110** F31A-1A7*1-110** F51A-1A7*1-110** F31W-1A7*1-110** F51W-1A7*1-110** F31Z-1A7*1-110** F51Z-1Z7*1-110** F31X-1A7*1-110** F51X-1A7*1-110** F31Y-1A7*1-110** F51Y-1A7*1-110** F32A-1A7*1-110** F52A-1A7*1-110** F32U-1A7*1-110**	8/8		
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