

敬 承
CUSTOMER:

承 认 书

SPECIFICATION FOR APPROVAL

品名规格 (DESCRIPTION):SD CARD QS B TYPE 3.50H CONN

客户料号 (CU PART NO.):

轻 平 料 号 (PART NO.):FSD02-101XXXXX-002

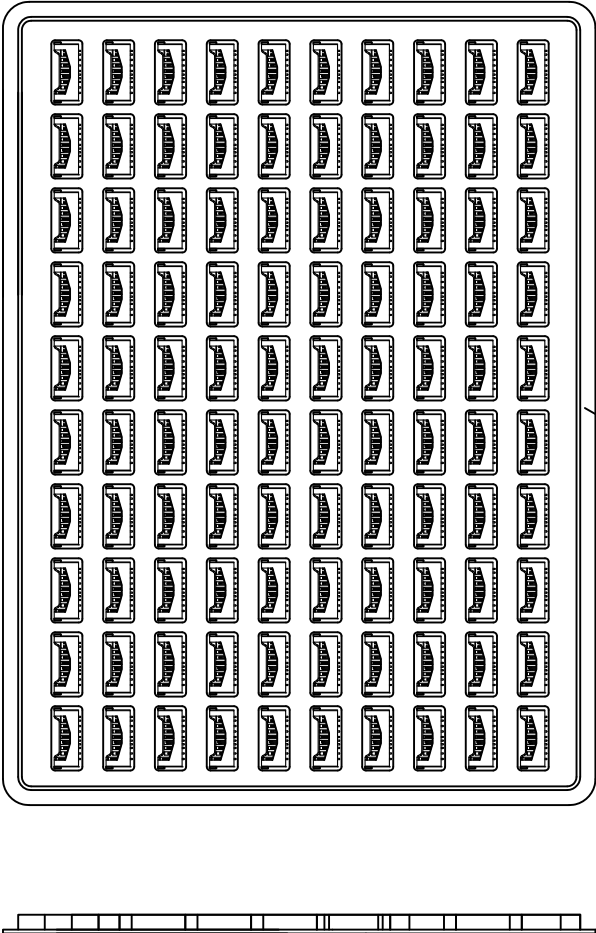
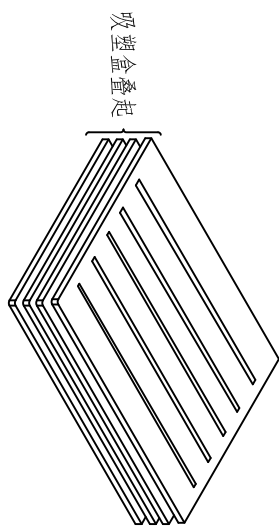
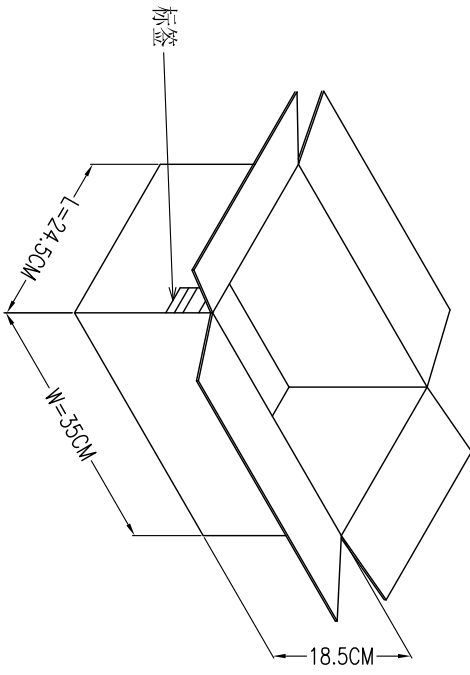
送 样 日 期 (DATE):

客 户 回 签			轻 平 电 子		
品管部 QC DEP	工程部 ENG DEP	采购部 PUR DEP	品管部 QC DEP	工程部 ENG DEP	采购部 PUR DEP

东莞市轻平电子科技有限公司Dongguan Qingping Electronic Technology Co., Ltd.

REV	ECN NO	REVISION NOTE	DATE	SIGNATURE
A	ND	RELEASED	2015.01.10	A-ZONG

Packaging to Box



1. 材质要求:
- 1.1 纸箱材质: A=B; 尺寸: 35*24.5*18.5CM;
2. 包装要求:
- 2.1 将装好产品的吸塑盒重叠叠起, 每叠30盘分别用PE膜缠绕好捆成一捆, 按统一方向放入纸箱, 并在纸箱内放置干燥剂
- 2.2 把包装好的成品用胶纸打包封箱, 并在纸箱外贴上标签
3. 包装数量: 30盘 x 100PCS/盘 = 3000 PCS/箱

DIMENSION UNIT MM			东莞市轻平电子科技有限公司
TOLERANCE UNLESS OTHERWISE SPECIFIED			
.X±0.30	.X±3°	APR.	TITLE: SD CARD NO PUSH 3.50H CONN
.XX±0.20	.XX±2°	CHK. A-Zong	
.XXX±0.10	.XXX±1°	DRA. A-Zong_chen	
		PRD.	
FILE NO:		PART_NUMBER	FSD02-101XXXX-002
SHEET: 1/1	SCALE: 1:1	REV: A/1	

Part Number		Product Name		Rev	Page No
FSDXX-XXXXXXX-XXX		SD card connector		A	1/6
<div>PRODUCT SPECIFICATION</div>					
Revision date	Pages	Rev	Revision content		
2015/1/15	7	A	NEW		
Approved by:	Zeng	Checked by:	JianZhong.Chen	Prepared by:	A-Zong

东莞市轻平电子科技有限公司

Dongguan Qingping Electronic Technology Co., Ltd.

Part Number	Product Name	Rev	Page No		
FSDXX-XXXXXXX-XXX	SD card connector	A	2/6		
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Approved by:	Zeng	Checked by:	JianZhong.Chen	Prepared by:	A-Zong

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Dongguan Qingping Electronic Technology Co., Ltd.

Part Number	Product Name	Rev	Page No		
FSDXX-XXXXXXX-XXX	SD card connector	A	3/6		
<p>Product Description: Secure Digital Memory Card Connector Normal Type</p> <p>1. SCOPE</p> <p>1.1 Content</p> <p>This specification covers performance, tests and quality requirements for Secure Digital Card Connector These connectors are used to system signal transfer.</p> <p>2. APPLICABLE DOCUMENTS</p> <p>The following documents form a part of this specification to the extent specified herein. Unless otherwise specified, latest edition of the specification applies. In the event of conflict between requirements of this specification and product drawing, product drawing shall take precedence.</p> <p>2.1. Commercial standards, specifications and report</p> <p>2.1.1 MIL-STD -1344A</p> <p>2.1.2 MIL-STD-202F</p> <p>3. REQUIREMENTS</p> <p>3.1 Design and Construction</p> <p>Product shall be of design, construction and physical dimensions specified on applicable product drawing.</p> <p>3.2 Materials and finish</p> <p>3.2.1 Contact : High performance copper alloy (Phosphor Bronze)</p> <p>Finish : (a) Contact Area: Gold plated based on order information</p> <p>(b) Solder Tail area: tin-lead 90/10 100uμ MIN.</p> <p>(c) Underplate: 80uμmin. Nickel-plated all over</p> <p>3.2.2 Housing : LCP+30%GF, UL94V-0, Color: White.</p> <p>3.3. Ratings</p> <p>3.3.1 Voltage : 200Volts DC, AC200 Volts(per pin)</p> <p>3.3.2 Current: 0.5Amperes DC(per pin)</p> <p>3.3.3 Operating Temperature : -20 to 90</p> <p>3.4 Performance and Test Description</p> <p>Product is designed to meet electrical, mechanical and environmental performance Requirements specified in Paragraph 3.5 All test are performed at ambient environmental condition per MIL-STD-1344 unless otherwise specified.</p>					
Approved by:	Zeng	Checked by:	JianZhong.Chen	Prepared by:	A-Zong

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Part Number		Product Name		Rev	Page No
FSDXX-XXXXXXX-XXX		SD card connector		A	4/6
3.5. Test Requirements and Procedures Summary					
Test Description		Requirement		Procedure	
Examination of Product		Product shall meet requirements of Applicable product drawing and specification		Visual,dimensional and functional per Applicable quality inspection plan	
ELECTRICAL					
Low-Signal Level Contact Resistance		40mΩ maximum initial Ø R=20m maximum final		Mate subject connector with compatible Connector as shown in. MIL-STD-1344A, Method 3002.1	
Insulation Resistance		1000MΩ minmum initial Ø R=100m maximum final		Apply DC 500 10% Volts between Adjacent contacts of mated Connectors for one minute. MIL-STD-1344A, Method3001.1, Test condition I	
DielectricWithstanding Voltage		500VAC initial and 250VAC final at sea level for1 minute. No discharge, flashover or Breakdown. Current leakage:0.5A max		Test between adjacent contacts of Mated/unmated connectors. MIL-STD-1344A, Method 3001.1, Test Condition I.	
Approved by:	Zeng	Checked by:	JianZhong.Chen	Prepared by:	A-Zong

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Dongguan Yconn electronic technology co., LTD

Part Number	Product Name		Rev	Page No
FSDXX-XXXXXXX-XXX	SD card connector		A	5/6
MECHANICAL				
Temperature Cycling (thermal shock)	See Note(a)	Subject mated connectors to 25 cycles Between -55 and85 , 30 minutes Duration at both temperature Extremes. MIL-STD-1344A, Method 1003.1, ConditionA-1		
Humidity- Temperature Cycling	See Note(a)	Subject mated connectors to 10 Humidity-temperature cycles between 25and65 , at80-98%RH. MIL-STD-1344A, Method 1002.2, Type		
Salt Spray	See Note(a)	Subject mated/unmated connectors to 5% salt-solution concentration, 35 For 48 hours. MTL-STD-1344A, Method 1001.1, Condition B		
Temperature life (Heat Aging)	See Note(a)	Subject mated connectors to Temperature life at 85°C for 250 hours. MTL-STD-1344A, Method 1005.1, Test temperature condition 3, Test Time Condition B		
(a) Shall meet visual requirements, show no physical damage and shall meet requirements of Additional tests as specified in Test Sequence in Figure 1.				
Approved by:	Zeng	Checked by:	JianZhong.Chen	Prepared by: A-Zong

东莞市轻平电子科技有限公司

Dongguan Qingping Electronic Technology Co., Ltd.

Part Number		ProductName				Rev	Page No		
FSDXX-XXXXXXX-XXX		SD card connector				A	6/6		
3.6 Product Qualification and Test Sequence									
			Test Group						
TestorExamination			1	2	3	4	5	6	
			Test Sequence						
Examination of Product			1. 7	1. 6	1. 3	1. 1	1. 5	1. 9	
Low-Signal Level Contact Resistance			3. 6	2. 5		2. 7	2. 4	2. 6	
Insulation Resistance						3. 8		3. 7	
DielectricWithstanding Voltage						4. 9		4. 8	
Vibration				3					
Physical Shock				4					
Bounce Force			2. 5						
Durability			4						
Solderability					2				
Temperature Cycling						5			
Humidity-Temperature Cycling						6			
Salt Spray							3		
Temperature Life(Heat Aging)								5	
SampleSize			8	8	4	8	8	8	
Approved by:	Zeng		Checked by:	JianZhong.Chen		Prepared by:		A-Zong	