



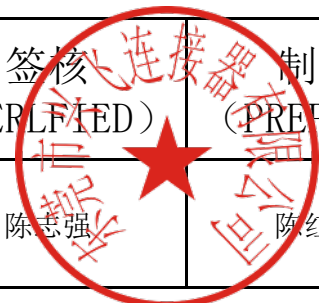
东莞市兴飞连接器有限公司

承认书

SPECIFICATION FOR APPROVAL

客户名称: CUSTOMER:	立创
品名: DESCRIPTION:	排母3.96mm直插 1X08P H8.89mm U型 PC2.8 PA9T/镀金 盘装
我司料号: PARTNO:	PM396V-11-08-H889
客户料号: CUSTOMER:	
日期: DATE:	2026/5/8

客户签认: (APPROVED SIGNATURES)			厂商签订: (SIGNATURE)	
采购 (STOCK)	工程 (ENGINEERING)	品保 (QC)	签核 (VERIFIED)	制作 (PREPARED)
			陈志强	陈红江



注: 1、请贵公司签认后回签封面及侧面给敝司

2、如贵公司不签回, 下单后即表示认可

# 东莞市兴飞连接器有限公司

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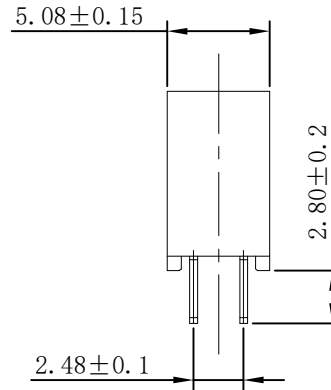
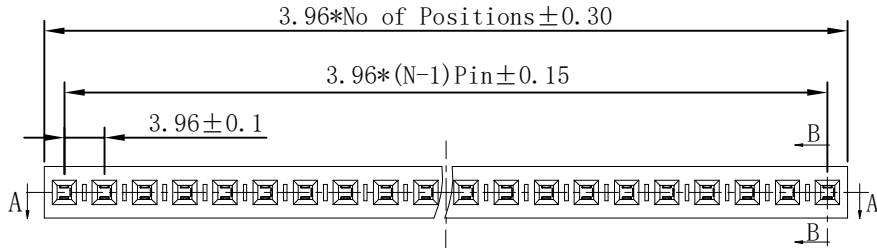
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# RoHS

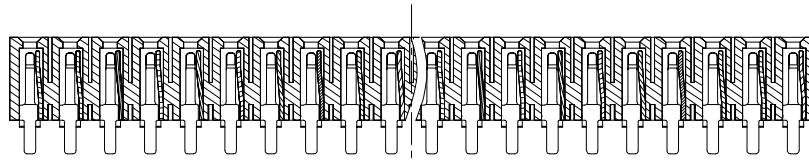
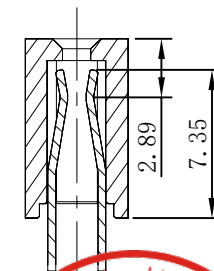
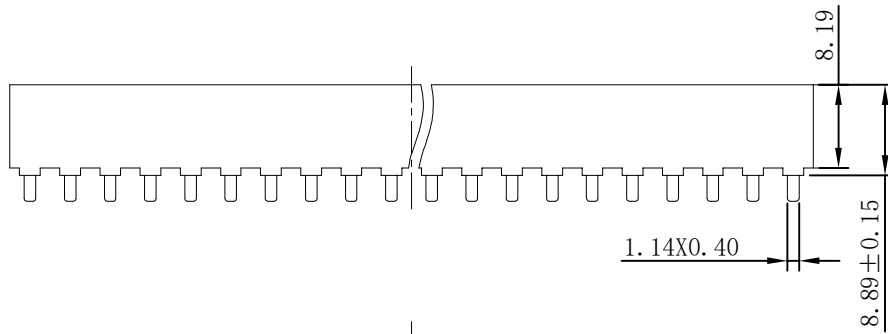
REV	ECN NO.	DESCRIPTION	DESIGN	APPROVAL	DATE
A1	NEW	更换图框			2024.05.24



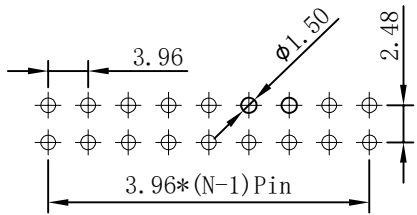
- SPECIFICATIONS**
- Current rating: 7A
  - Temperature range: -40°C ~ +105°C
  - Insulation resistance: 1000MΩ Min.
  - Withstanding voltage: 1000V AC/ minute.
  - Contact resistance: 20mΩ Max.

**Material:**  
 Insulator Material: PA9T(UL 94V-0)  
 Contact Material: Brass  
 Plating: Matte Tin or gold plated over Nickel  
 Mate with XFCN PZ396 Single row series

**Ordering Code:**  
 PM396V-11-XX-H889  
 1. 序列号  
 2. Pin位数: 02-20P



SESTIPN: A-A



Recommended PCB Layout (Top Side)



X.±0.50	°±	PART NO.	PM396V-11-XX-H889		<b>XFCN 兴飞连接器</b>	
.X±0.25	.X°±	TITLE:	3.96mm Female Header Connectors		0769-82001899	
.XX±0.15	.XX°±	UNITS:	mm		www.xfconn.com	
.XXX±0.10	.XXX°±	APPD	Chen ZhiQiang		DWG NO:	
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF XFCN AND SHALL NOT BE REPRODUCED, COPIED OR CUED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF XFCN		CHKD	Liu Wei		VIEW	
		DRAW	Chen HongJiang		SCALE	SHEET
		DATE	2024.06.04		NONE	1/1
						REV
						A1

# XFCN兴飞连接器有限公司

CONNECTORS XFCN CONNECTORS CO., LTD.

TEL:0769-82001899 FAX:0769-87929170

## \* 3.96mm Pitch Triple Row Breakaway Female Header \*

This product specification contains the test method, the general performance and requirements for female header system connector with PM396/PZ396 series breakaway Female header

1. Construction and dimensions shall be in accordance with the referenced drawings.  
产品结构和尺寸依据所涉及的产品图面.

2. Characteristics 特征:

Current rating 额定电流: 7A AC,DC

Voltage rating 额定电压 : 1000V AC,DC

Temperature rating 额定温度: -40°C ~ +105°C

3. Electrical performance 电气特性:

ITEM	DESCRIPTION 内容	TEST METHOD & CONDITION	REQUIREMENT 需求
3-1	Contact Resistance 接触阻抗	It should be tested in accordance with method EIA-364-23.	20 mΩ max.
3-2	Insulation Resistance 绝缘阻抗	It should be tested in accordance with method EIA-364-21.	1000 MΩ min.
3-3	Dielectric withstanding Voltage 耐电压	Unmated connectors shall be tested in accordance with method EIA-364-20 when the AC 500 V rms for one minute applied between adjacent contacts.	No evidence of breakdown and flashover

4. Mechanical Performance 机械特性 :

ITEM	DESCRIPTION 内容	TEST METHOD & CONDITION	REQUIREMENT 需求
4-1	Post retention force 保持力	Push pin from insulator base at speed 25mm/minute.	0.8kgf/pin. min
4-2	Durability 耐久性	It should be tested in accordance with method EIA-364-09. Connector shall be subjected to 100 cycles of insertion and withdrawal	No defects. Contact resistance shall be 40 mΩ max.

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Item	Description 内容	Test Method & Condition	Requirement 需求
4-3	Durability 耐久性	It should be tested in accordance with method EIA-364-09. Connector shall be subjected to 100 cycles of insertion and withdrawal	No defects. Contact resistance shall be 40 mΩ max.
4-4	Vibration 振动	The connector mated PCB shall be vibrated in accordance with method EIA-364-28 .There shall be no current discontinuity longer than 1 microsecond during the test . Frequency: 10-55-10 Hz / min. Amplitude: 1.52mm Period: 2 hours for each direction.	No evidence of loosening of parts or electric discontinuity. Contact resistance less than twice of initial.
5. Environmental Performance: 环境特性			
5-1	Humidity 耐湿性	The unmated connector shall be tested in accordance with method EIA-364-31. Temperature: 40±2 °C Humidity: 90 ~ 95 % (RH) Period: 96 hours.	No damage. Contact resistance: Less than twice of initial. Insulation resistance: paragraph 3-2. Dielectric withstanding voltage: to pass paragraph 3-3.
5-2	Thermal shock 冲击	Connector shall be subjected to thermal shock cycling in accordance with method EIA-364-27. one cycle consists of:-25°C for 30 minutes. +105°C for 30 minutes. Times of cycle:25 cycles.	No damage. Contact resistance: Less than twice of Initial. Insulation resistance: paragraph 3-2. Dielectric withstanding voltage: to pass paragraph 3-3.

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Item	Description 内容	Test Method & Condition	Requirement 需求
5-3	Salt Spray 盐雾试验	Connector shall be tested in accordance with method EIA-364-26. Temperature: 35±2 °C Density: 5 % in weight. Period: 48 hours.	No damage Contact resistance: Less than twice of initial.
5-4	Solder ability 着锡性	Connector termination ends shall be checked for solderability in accordance with method EIA-364-52. Solder temperature: 245±5 °C Immersion period: 5±0.5 sec.	No damage. Minimum: 95% of immersed area.
5-5	Resistance to soldering heat 耐高温焊接	Specimen shall be mounted on PCB. Solder temperature : 260±5°C Immersion period : 5±0.5sec.	No damage and deformation.

APPR BY: Chard

CHKD BY: Angel

SPEC BY: Spring 2026.05.08

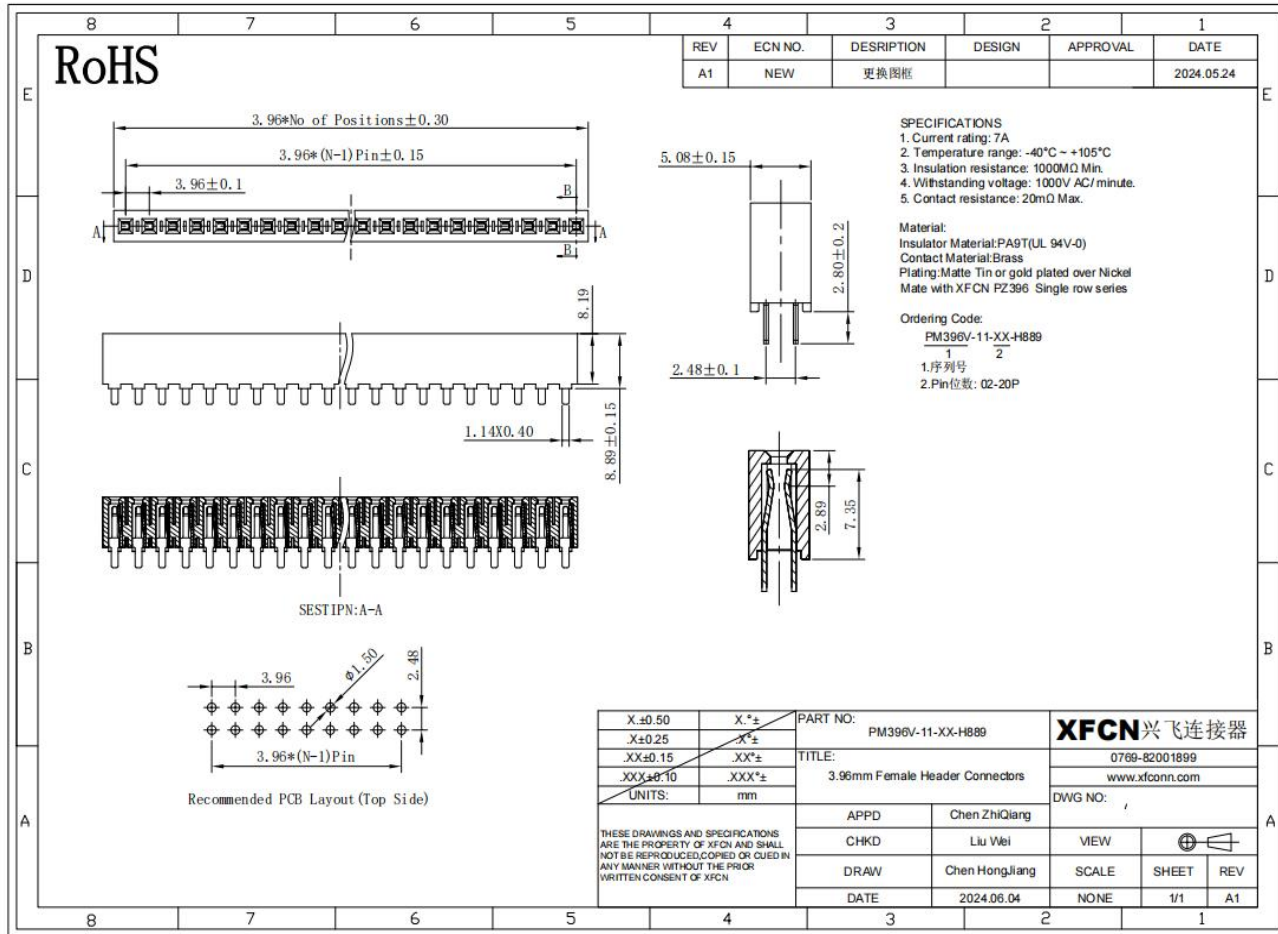
# 东莞市兴飞连接器有限公司

## 样品检验报告

客户: 立创

日期: 2026-05-08

料号	PM396V-11-08-H889	品名规格:	排母3.96mm直插 1X08P H8.89mm U 型 PC2.8 PA9T/镀金	出货数:	5 PCS	抽验水准	AQL-105E
客户料号				检验数:	5 PCS	结果:	AC <input checked="" type="checkbox"/> REJ <input type="checkbox"/>



检验项目	检验标准	使用仪器	实测尺寸					判定		
			1	2	3	4	5	OK	NG	
尺寸	A	31.68±0.30	卡尺	31.74	31.75	31.75	31.74	31.75	√	
	B	27.72±0.15	卡尺	27.76	27.74	27.76	27.75	27.74	√	
	C	8.19±0.15	卡尺	8.17	8.17	8.16	8.14	8.17	√	
	D	8.89±0.15	卡尺	8.83	8.84	8.85	8.83	8.84	√	
	E	5.08±0.15	卡尺	5.06	5.04	5.02	5.06	5.06	√	
	F	2.80±0.20	卡尺	2.82	2.84	2.82	2.86	2.84	√	
	G	2.48±0.10	卡尺	2.49	2.48	2.49	2.48	2.48	√	
包装方式	袋装									
外观检验	OK									
判定	OK									

核准: 章升洪

审查: /

品管: 李琴

