



**APPROVAL SHEET  
FOR  
MYLAR RECEIVER**

**常州富鸿达电子有限公司**

**CHANG ZHOU FHD ELECTRONICS CO., LTD.**

CUSTOMER No.:

CLUE No.:

MODEL No.: FHDREC40A-001

OUR PART No.: 650-4011-01

CUSTOMER PART No.:

CUSTOMER	APPROVED	CHECKED

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<b>Specification for Receiver</b>		Update	Page 2 of 5
		Des.	Chk.
<b>Model No.:</b>	<b>FHDREC40A-001</b>	P/N:650-4011-01	

1. Document revision history				
修改时间	版本	修改页次	修改内容	确认人

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			8/18/2021	8/18/2021

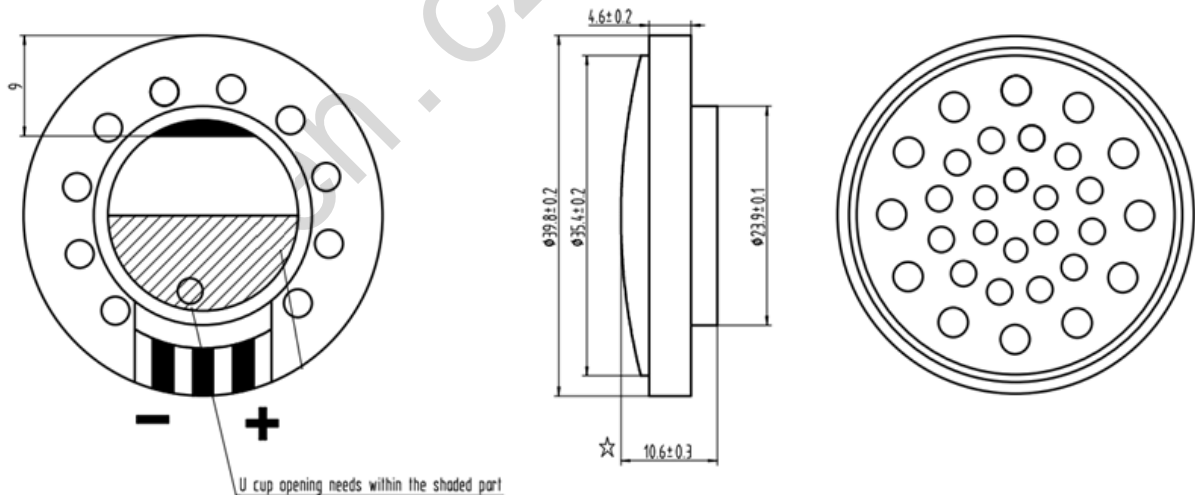
## 2. SPECIFICATION

### Receiver

1	Dimension	Φ39.8*H10.6
2	Net Weight	Approx 12.5g
3	Impedance	32±15%ohms @1kHz 1Vrms
4	Rated Input Power	10mW
5	Max Input Power	20mW
6	Resonance Frequency(F0)	80Hz ± 20%
7	Sound Pressure Level	112±3dB SPL @1KHz (0dB SPL=20μPa) Input voltage: 179mV (Sine wave) measured with IEC318 coupler.
8	Distortion	Less exceed ≤5%1mw/1kHz For IEC318 coupler & ear cap.
9	Operating Temperature	-25°C ~ +50°C
10	Store Temperature	-25°C ~ +60°C

### 3. Dimensions

Unit: mm



\*Unit: mm; Tolerance: ±0.5mm Except Specified

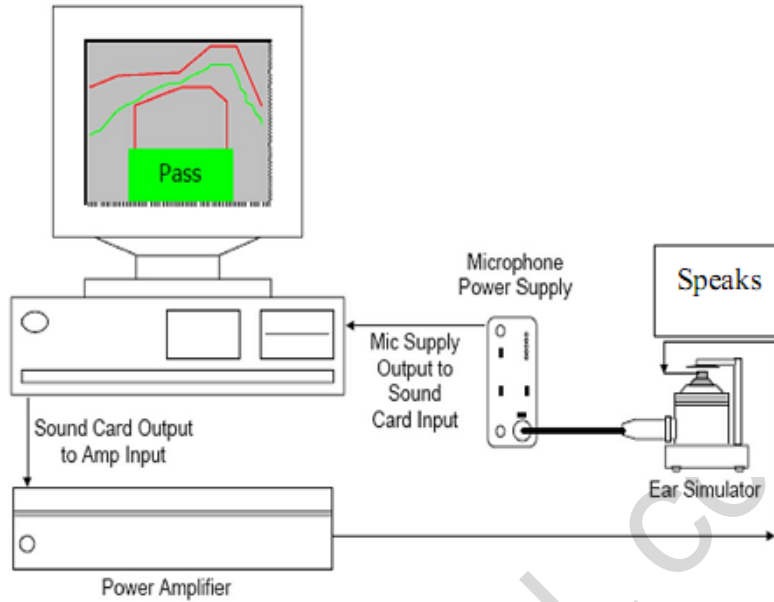
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#### 4. Reliability Test 可靠性測試

4.1	High Temperature Test	High Temperature: +60°C±5°C Duration : 96 hours
4.2	Low Temperature Test	Low Temperature: -25°C±5°C Duration : 96 hours
4.3	Humidity Test	Temperature: +40°C±5°C Relative humidity: 90%~95% RH Duration : 96 hours
4.4	Vibration Test	Vibration: 10Hz~55Hz Amplitude: 3.5mm or acceleration : 50m/s <sup>2</sup> Duration : 2h per axis=10cycles ; 3 axis
4.5	Temperature Cycle Test	Temperature: -25°C ↔ +60°C Duration : 2hours 2hours Cycle: 10 Cycle
4.6	Drop Test (under the unit)	Height: 0.75m Cycle: 6 Cycles
4.7	Load Test	Noise: White noise Power: 0.56V Duration: 96 hours and satisfy the test listed on item 05,08,14.

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### 5. Frequency Response



### 6. Response Curve

