



# Product specification

## DC-MF-S184-In Spherical Focusing Piezoelectric



Model: DC-MF-S184-In  
Version: V1.0

### Performance Parameters

Item	Specification	Test condition
Resonant Frequency (kHz)	250±10%	Keysight E4990A Impedance Analyzer / Echo Signal Analysis
Static Capacitance (nF)	23±10%	Keysight E4990A Impedance Analyzer / Echo
Gmax (mS)	>50	
Focal Depth (mm)	Approx. 60	/
Operating Voltage (kV)	≤5	/
Operating Temperature (°C)	0-50	/
Storage Temperature (°C)	-20-60	/
Appearance Color	Gray	
Housing Material	SUS304 Stainless Steel	/

**Test Conditions:** T = 25°C ± 3°C, H = 40%-70% R.H.

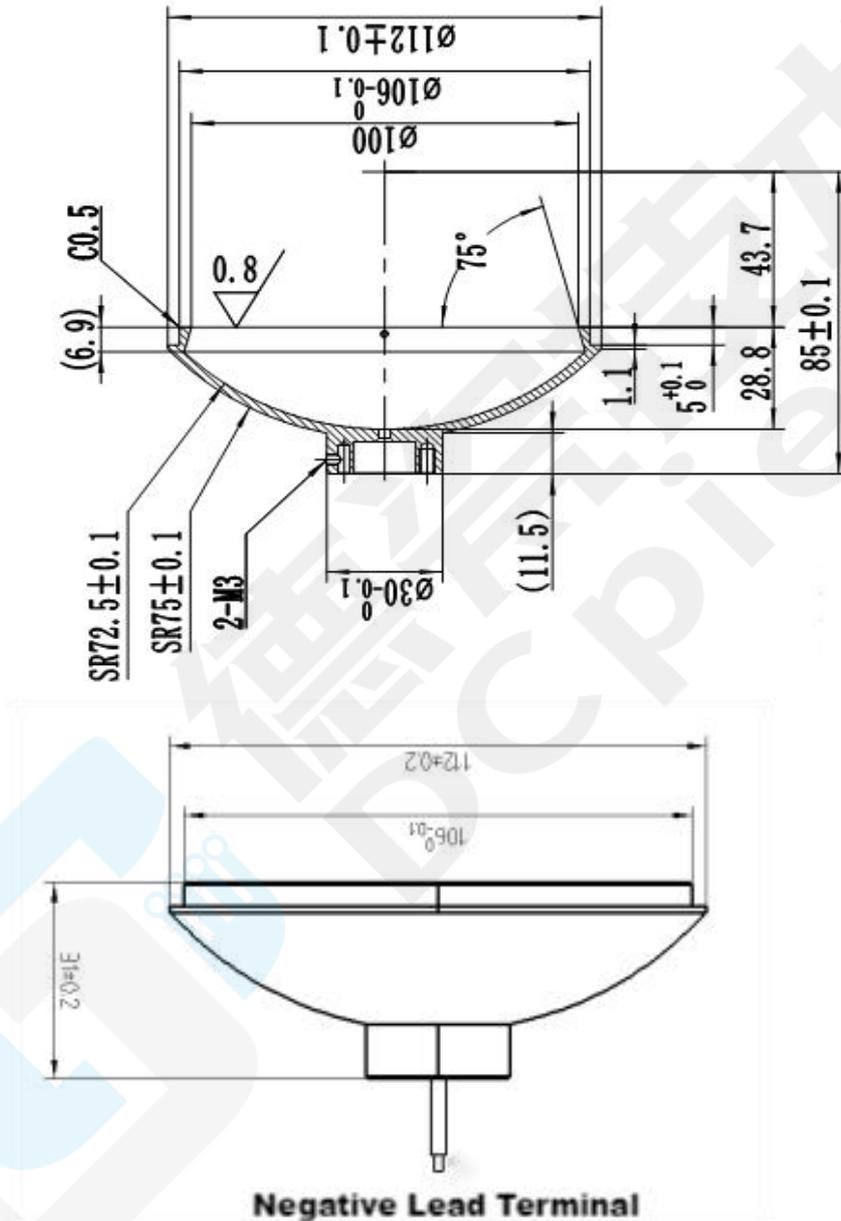
Guangdong DCpiezo Technology Co., Ltd.

<http://www.dc-piezo.com> Tel:+86 13798552005 WeChat:13798552005 Email:dcpiezo@163.com



# Product specification

## Product Size



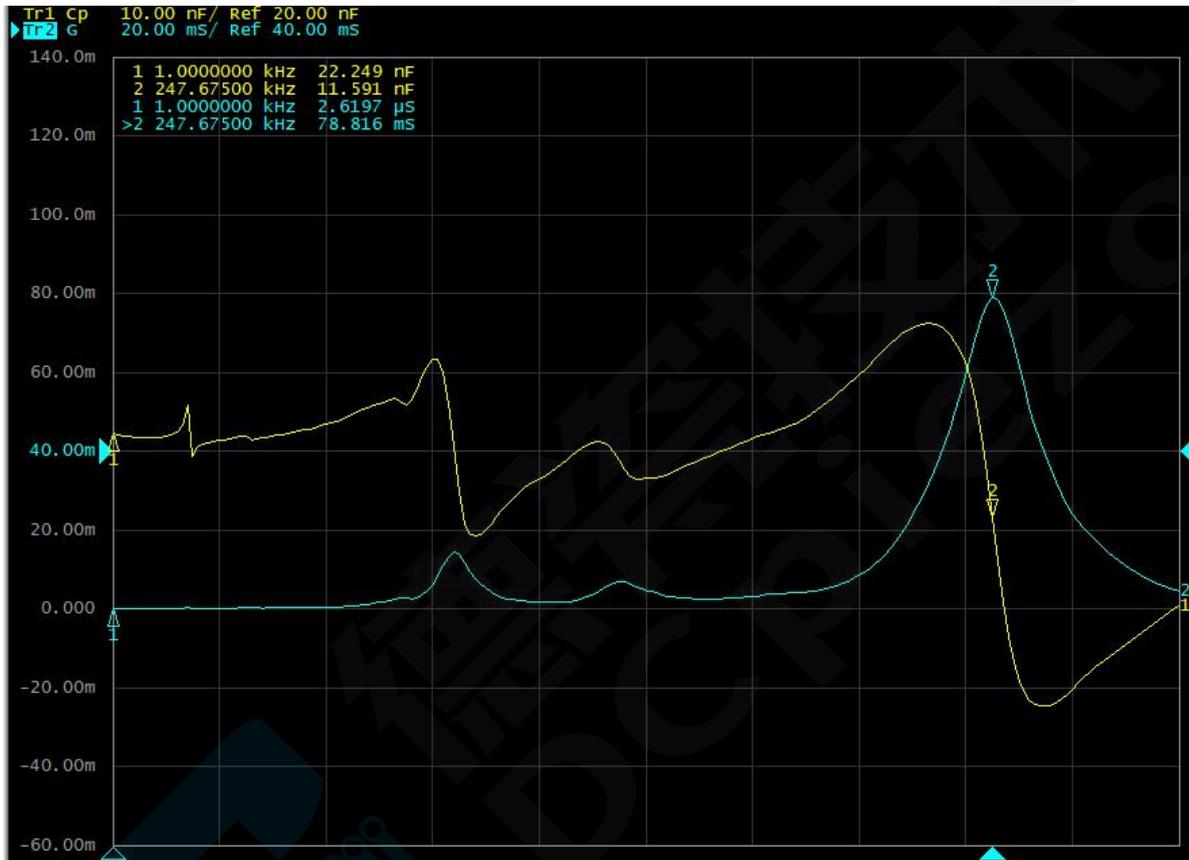
### Notes:

- 1、 Unmarked tolerances are within  $\pm 0.2$ mm.
- 2、 The shell terminal is positive; the lead terminal is negative.
- 3、 The outer surface is coated with insulating paint for insulation protection.



# Product specification

## Impedance Curve



## Testing Precautions

- Remove oil, dust, or other contaminants from the sensor surface.
- Clean the sensor surface using alcohol cotton balls or lint-free cloth.