



深圳市兴华鑫电子科技有限公司

Shenzhen xinghuaxin Electronic Technology Co., Ltd

承認書

SPECIFICATION FOR APPROVAL

客戶 (Customer):

客戶料號 (Customer P/N):

興華鑫型號 (Supplier P/N):

XHxDZ-1625POH12TR

產品名稱 (Description):

传感器 (Ultrasonic sensor)

產品規格 (Specification):

16*12MM 25KHz

客戶承認欄 (Customer Authorization Signature)	深圳市興華鑫電子科技有限公司 承認欄 (Supplier Audit)		
	審核	檢查	制作
	唐国兴	唐玉来	吴银娟
	日期: 2022 年 04 月 19 日 版次: A		

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产品规格内容

A. Scope

This specification applies Ultrasonic sensor XHXDZ-1625POH12TR

B. Characteristic

- 1.1) Open structure and separate use
- 1.2) Compact and light weight
- 1.3) High sensitivity and sound pressure
- 1.4) Less power consumption
- 1.5) High reliability

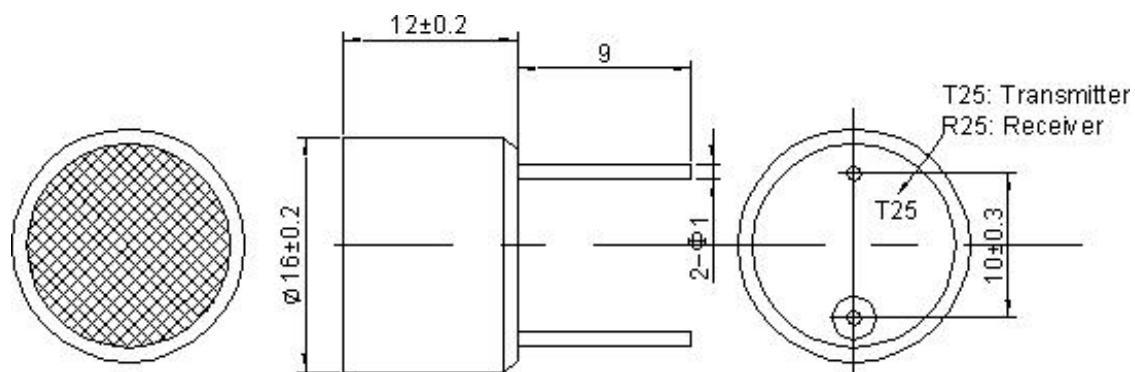
C. Technical terms

No.	Item	Unit	Specification
1	structure		Open
2	Using method		Transmitter
3	Nominal Frequency	Hz	25±1K
4	S P L for transmitter	dB	≥112(10V/30cm/sine wave)
5	Directivity		80deg
6	Capacitance	pF	2400±20%@1KHz
7	Max. input voltage	Vp-p	120
8	Operating Temperature	℃	-25....+80
9	Storage Temperature	℃	-30....+85
10	Housing material		Al (Silver)

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产品规格内容

D .Drawing



Tolerance general unless otherwise specified: $\pm 0.3\text{mm}$

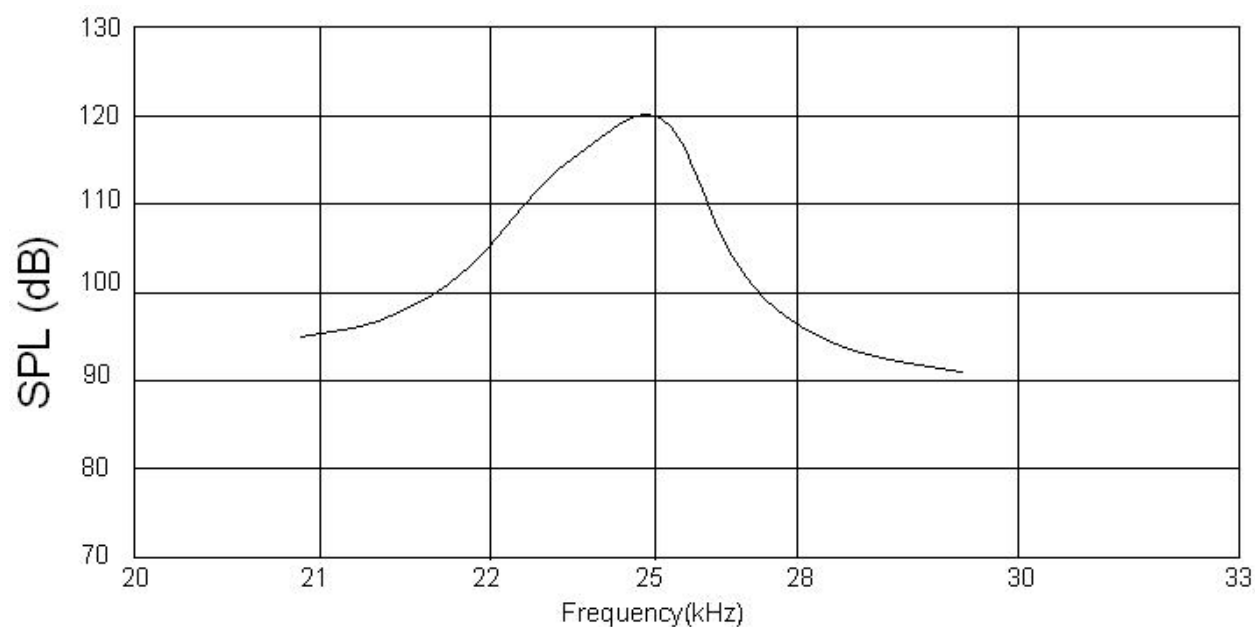
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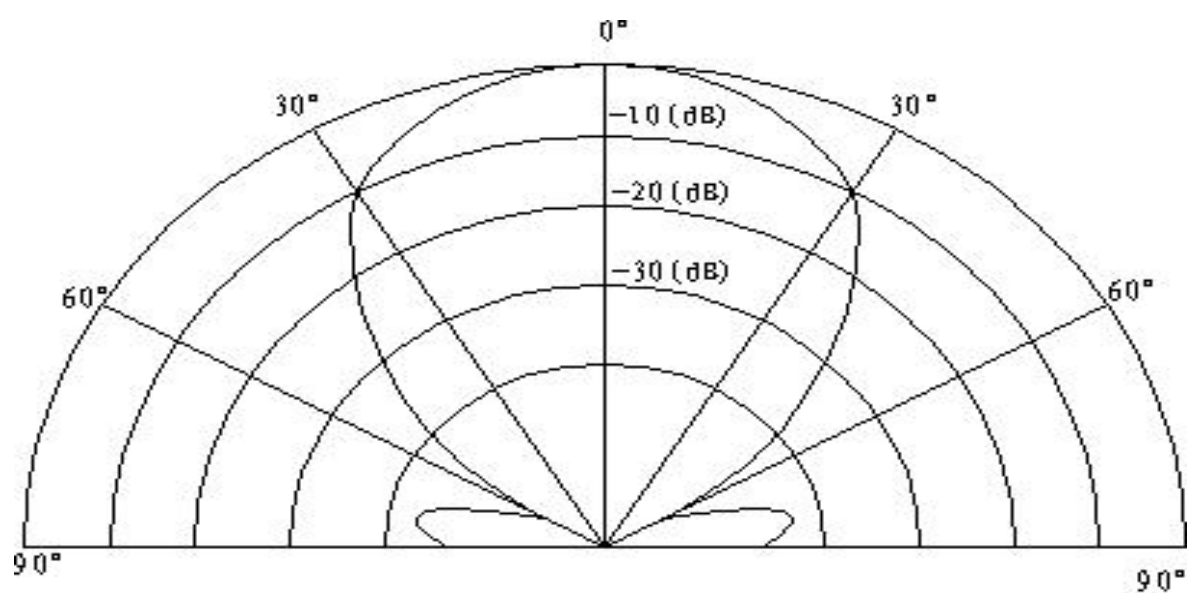
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产品规格内容

E. Beam Pattern



Frequency Characteristics



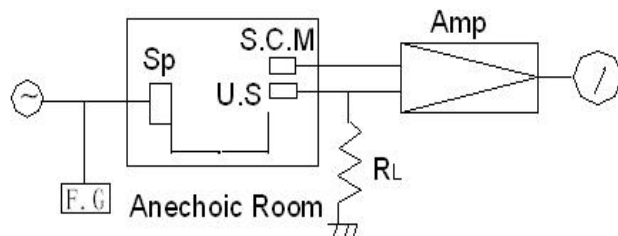
Directivity in Overall Sensitivity

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产品规格内容

F. Test Circuit

Receiver



RL: $3.9K\Omega$

U.S.: Ultrasonic Sensor

S.C.M.: Standard Capacitor Microphone

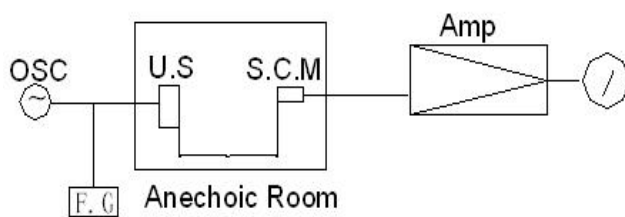
Amp.: Amplifier

OSC.: Oscillator

Sp.: Tweeter

F.C.: Frequency Counter

Transmitter



U.S.: Ultrasonic Sensor

S.C.M.: Standard Capacitor Microphone

Amp.: Amplifier

Input voltage: 10Vrms

F.C.: Frequency Counter

G. Package

