

常州FDS-400-BOX腔体喇叭扬声器喇叭发音福鼎厂家直销

产品名称	常州FDS-400-BOX腔体喇叭扬声器喇叭发音福鼎厂家直销
公司名称	江阴市福鼎通讯器材有限公司
价格	1.00/pcs
规格参数	型号:FDS-400-BOX 产地:江苏 音压:103dB
公司地址	江苏省江阴市月城镇月冯路29号
联系电话	13861148699

产品详情

常州FDS-400-BOX腔体喇叭扬声器喇叭发音福鼎厂家直销

描述

ITEM

SPECIFICATIONS

01

Type

Dynamic speaker

02

Dimension

External diameter40 mm

03

Rated Input Power

2.0W

04

Max. Input Power

2.2W

05

Impedance

4 ohm \pm 15% at 1500Hz.

06

Resonance Frequency (Fo)

500Hz \pm 20% at Fo, 1V

07

Sensitivity (S.P.L.)

103dB(1.0W/0.1m) \pm 3 dB

at AVE0.6K,0.8K,1.0K,1.5KHz.

08

Frequency Range

Fo – 20KHz

09

Total HarmonicsDistortion

Max 8 % at 1 KHz,2.2W.

10

Voice Coil

Diameter 16.3 mm

11

Magnet

Rare earth permanent (Nd-Fe-B) magnet 15.0 x3.0 mm

12

Weight

25.5g \pm 0.2g

13

Appearance

Should not exist any obstacle to be harmful to normal operation; damages, cracks, rusts and distortions, etc.

14

Operation Test

Must be normal at program source – 2.0W

15

Buzz, Rattle, etc.

Should not be audible at 2.83V sine Wave between F_0 to 20KHz

16

Polarity

When positive voltage is applied to the terminal marked (+), diaphragm should move to the front.

17

Terminal Strength

Capable of withstand 1kg load for 30 seconds without resulting in any damage or rejection.

18

Temperature

Operating temperature: -20 to +60

Storage temperature: -30 to +70

Test Condition

STANDARD

Temperature :15 ~ 35

Relative humidity :25% ~ 85%,

Atmospheric pressure : 860mbar to 1060mbar.

BASIC

Temperature : 20 ± 3

Relative humidity : 60% ~ 70%,

Atmospheric pressure : 860mbar to 1060mbar

Standard Test Fixture

1.Input Power :1.0W(2.0V)

2.Zero Level : -dB

3.Mode : SPEAKER

4.potentiometer Range : 50dB

5.Sweep Time : 0.5sec

Frequency Response Curve

RELIABILITY TESTS

Items.

Specifications

01

High temp. Test

Keep 96 hours at $+70 \pm 3$ and leave 3 hours in normal temperature and then check

02

Low temp. Test

Keep 96 hours at -30 ± 3 and leave 3 hours in normal temperature and then check

03

Humidity test

Keep 96 hours at $+ 60 \pm 3$ relative humidity 95% and leave 3 hours in normal temperature and then checked.

04

Temp./Humidity cycle

The part shall be subjected 5 cycles. One cycle shall be 12 hours and consist of;

05

Thermal cycle test.

Low temperature: -30 ± 3 , temperature: $+70 \pm 3$, cycle:

1 hour/cycle each, and then keep 5 cycles in a room.

06

Vibration

10~200~10Hz sin-wave sweep 15min. 5G (constant)

X, Y, Z 3 direction. 2 hours each, total 6 hours.

07

Fix drop test

Fix on jig. Then drop from 152cm height to the concrete floor

X, y, z 6 direction. 5 times each, total 30 times.

08

Free drop test

Free drop from 100cm height to the concrete floor

X, y, z 6 direction. 1 time each, total 6 times.

09

Rated Power test

Rated Power white noise is applied for 96 hours

10

MaxPower test

Max power 1 min on – 2 min off 10 cycles.

11

Terminal strength test

Capable of withstand 1kg load for 30 seconds without resulting in any damage or rejection.

Criterion:

After these test , the change ofS.P.L shall be within ± 3 dB .

SOLDERING CONDITION

Recommend using constant branding iron in15 ~ 30W, and in temperature range350 ° C.

Soldering time not over 3 seconds.