

常州压电蜂鸣器FDK-420160F

产品名称	常州压电蜂鸣器FDK-420160F
公司名称	江阴市福鼎通讯器材有限公司
价格	3.00/个
规格参数	品牌:福鼎FD 型号:FDK-420160F 产地:江苏
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

A. SCOPE This specification applies piezo buzzer, FDK-420160F-12028W150 B. SPECIFICATION

No.

Item

Unit

Specification

Condition

1

Oscillation Frequency

KHz

2.8 ± 0.5

2

Operating Voltage

VDC

3 ~ 24

3

Rated Voltage

VDC

12

4

Current Consumption

mA

MAX. 12

at Rated Voltage

5

Sound Pressure Level

dB

MIN. 105

at 10cm at Rated Voltage

6

Tone Nature

Constant

7

Operating Temperature

-20~ +60

8

Storage Temperature

-30 ~ +70

9

Dimension

mm

42 x H16

See appearance drawing

10

Weight (MAX)

gram

13.4

11

Housing Material

ABS(Black)

12

Leading Pin

Wire type

13

Environmental Protection Regulation

RoHS

C. APPEARANCE DRAWING Tol : ± 0.5 Unit: mm

D. TESTING METHOD Standard Measurement conditions Temperature: 25 ± 2 Humidity: 45-65%

Acoustic Characteristics: The oscillation frequency, current consumption and sound pressure are measured by the measuring instruments shown below In the measuring test, buzzer is placed as follows: E. VOLTAGE / CURRENT / SOUND PRESSURE CHARACTERISTICS

F. RELIABILITY TEST

NO.

ITEM

TEST CONDITION AND REQUIREMENT

1

High Temperature Test (Storage)

After being placed in a chamber with 70% RH for 96 hours and then being placed in normal condition for 2 hours. Allowable variation of SPL after test: 10dB.

2

Low Temperature Test (Storage)

After being Placed in a chamber with -30°C for 96 hours and then being placed in normal condition for 2 hours. Allowable variation of SPL after test: 10dB.

3

Humidity Test

After being Placed in a chamber with 90-95% R.H. at 40°C for 96 hours and then being placed in normal condition for 2 hours. Allowable variation of SPL after test: 10dB.

4

Temperature Cycle Test

The part shall be subjected to 5 cycles. One cycle shall be consist of: Allowable variation of SPL after test: 10dB.

5

Drop Test

Drop on a hard wood board of 4cm thick, any directions ,6 times, at the height of 75cm .Allowable variation of SPL after test: 10dB.

6

Vibration Test

After being applied vibration of amplitude of 1.5mm with 10 to 55 Hz band of vibration frequency to each of 3 perpendicular directions for 2 hours .Allowable variation of SPL after test: 10dB.

7

Solderability Test

Lead terminals are immersed in rosin for 5 seconds and then immersed in solder bath of +300°C for 31 seconds .90% min. lead terminals shall be wet with solder(Except the edge of terminals).

8

Terminal Strength Pulling Test

The force of 9.8N(1.0kg) is applied to each terminal in axial direction for 10 seconds.No visible damage and cutting

off.

TEST CONDITION. Standard Test Condition : a) Temperature : +5 ~ +35 b)
Humidity : 45-85% c) Pressure : 860-1060mbar Judgment Test Condition
: a) Temperature : +25 ± 2 b) Humidity : 60-70% c) Pressure :
860-1060mbar

G. PACKING STANDARD