CPA26D12-3.2R

Description

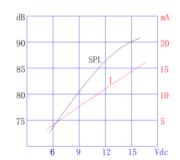
Chinasound Piezo Alarm 26mm diameter, type D(=16mm height), 12VDC rated voltage – 3.2KHz resonant frequency – RoHS compliant

- **♦ RoHS compliant**
- Reliable Solid State Piezoelectric Technology

Version: SP1.12.210-A0

- Corrosion Resistance Diaphragm
- Flame Retardant Plastic
- Contains Lead zirconium titanium oxide (CAS 12626-81-2) more than 0.1%
- ♦ IP67

Characteristics



Picture



Specification

Rated Voltage
Operating Voltage
Operating Frequency
Typical Sound Output
Typ. Operating Current
Operating Temperature
Storage Temperature
Termination

Construction Materials

Weight (Typical) Reliability 12VDC 5~30VDC 3,200+/-500Hz

85+/-5dB min. at 12VDC 30cm 25 °C

20mA max. at 12VDC -30 °C to +85 °C -40 °C to +90 °C 2 pins, Sn plated Brass

Description 2 pins, Sn plated Bras Case Plastic,PPS

Satinless Steel Disc 304

*Life Test At 12VDC in room temperature continuously for 1000 hours

*High Temperature No function at +90+/-2 °C for 240 hours; Function at +85+/-2 °C for 240 hours *Low Temperature No function at -40+/-2 °C for 240 hours; Function at -30+/-2 °C for 240 hours

*Humidity +40+/-2 °C, 95+/-5%RH, 240 hours

*Thermal Shock -40+/-2 °C 0.5 hr \rightarrow +25+/-2 °C 0.25 hr \rightarrow +85+/-2 °C 0.5 hr \rightarrow +25+/-2 °C 0.25 hr. Temperature

Go up or Drop time is 0.5 hr. 3 hrs per 1 cycle. Total is 5 cycles

*Vibration

1.5mm with 10 to 50Hz of vibration frequency to each of 3 perpendicular directions for 2 hours

*Shock

980m/s² (=100g) shock for each mutually perpendicular directions, half sine wave, 3 times each

Drop Test

Drop Test

upper and side of the part are applied

*Soldering Heat Resistance Samples put through reflowing soldering oven 2 twice
**Solderability Samples put on PCB with solder paste through reflowing soldering oven 1 times

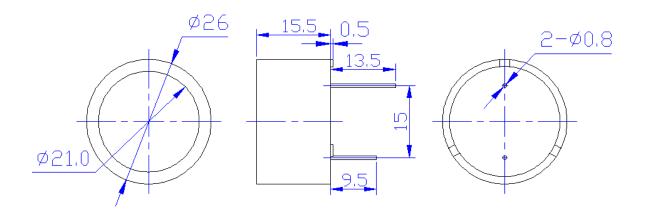
For a period of one (1) year from date of manufacture under normal operations

*All specifications must be satisfied after the test (Recovery:2 to 4 hrs of recovery under the standard condition after the removal from test chamber).

 $^{\star\star}90\%$ min. soldering pads shall be with solder.(except the edge of pad)

Diaphragm

Dimensions (Unit: mm, tolerance: +/-0.5mm)



All specifications are subject to change without notice

Composed by: Cady/190723

Checked by: James Zhu /190723

Approved by: William Wang /190723



ISO9001 certified

Revision History

Version Number	Description	Name	Date
SP1.12.210-preleminary	Original, CPA26D12-3.2R	Cady Li	2019-05-22
SP1.12.210-A0	Update picture and Characteristics drawing	Cady Li	2019-07-23



Checked by: James Zhu /190723 Approved by: William Wang /190723