CPA36B515TU2C17W80

Description

Chinasound Piezo Alarm 36mm diameter, type B, 5 to 15Vdc, Tone type T(Intermittent tone), Ultra Loud, 2 times per second pulse, C17(=43645-0200 connector) Wire 80mm, RoHS compliant

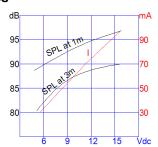
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- RoHS compliant
- Reliable Solid State Piezoelectric Technology
- ♦ Flame Retardant Plastic
- Corrosion Resistance Diaphragm if required
- Easily mounted and connected
- Contains Lead zirconium titanium oxide (CAS 12626-81-2) more than 0.1%
- ♦ IP65

Picture



Characteristics



Specification

Operating Mode Nominal Operating Voltage Operating Voltage Operating Frequency Sound Output Operating Current Operating Temperature Storage Temperature Termination

Construction Materials

Weight (Typical)

Reliability

Ultra Loud, Intermittent Tone

12Vdc 5 to 15 Vdc 2,900+/-300Hz

100dBmin at 61cm, at 25°C

80 mA at 12 Vdc -20°C to +65°C -20°C to +70°C

Description 2 Wires, UL1015 AWG24# Red(+)Black(-) with 43645-0200 connector **Termination Strength**

Maximum of 15 pounds (6.8 Kg) load pull test for 10 seconds

Panel mounted, 36B Case, plastic, NORYL™, PX9406 or equal, flame retardant UL 94-V0, Black

Stainless Steel Disc 304

34 g

At rated voltage in room temperature, 1 cycle = 1 min. ON 4 min. OFF, continuously for

1000 hours

High Temperature function at +65+/-2 °C for 96 hours and room temperature for 2 hours **Low Temperature** function at - 20+/-2 °C for 96 hours and room temperature for 2 hours Humidity +40 +/-2 °C,90-95%RH for 48 hours and room temperature for 2 hours **Thermal Cycle** 10 cycles from -20°C±2°C to +25°C, and 100 cycles from +70°C±2°C to +4°C

> 1.5mm with 10 to 50Hz of vibration frequency to each of 3 perpendicular directions for 2 hours 980m/s2 (=100g) shock for each mutually perpendicular directions, half sine wave, 3

times each

Dropped naturally from 700mm height onto the surface of 10mm wooden board. 2 **Drop Test**

directions - upper and side of the part are applied

At rated voltage in room temperature, 1 cycle = 1 min. ON 4 min. OFF, continuously for 1000 hours

Warranty For a period of two (2) years from date of manufacture under normal operating conditions. * 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).

Case

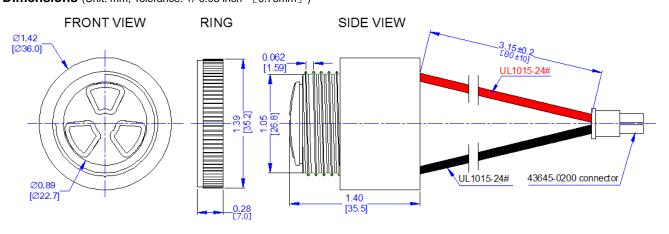
Diaphragm

Life Test

Vibration

Shock

90% min. soldering pads shall be with solder.(except the edge of pad) **Dimensions (Unit: mm, Tolerance: +/-0.03 inch [0.75mm])



All specifications are subject to change without notice.

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Revisions History

Version Number	Description	Name	Date
SP1.12.206- primary	Original	Cadv Li	2019-01-28

CPA36B515TU2C17W80 **₩:** Wire length C: Chinasound **► C: Connector number** C: Connector PA: Piezo Alarm P: Pin 36: 36mm, Main Dimension Q: Quick Tab S: Screw W: Wire **B**: **B** Housing, Housing Type **B** & **D**: 2900Hz, **C** & **E**: 2100Hz 2: middle pulse, 2 cycles per second 6: very fast pulse, 6 cycles per second 515: 5 to 15Vdc, Operating Voltage Range → 3: fast pulse, 3 cycles per second 215: 2 to 15Vdc, 948: 9 to 48Vdc 2: middle pulse, 2 cycles per second 531: 5 to 31Vac/Vdc, 951: 9 to 51Vac/Vdc 1: slow pulse, 1 cycle per second 120: 40 to 120Vac, 220: 130 to 220Vac **T:** Intermittent Tone, Tone Type **→ U:** Ultra Loud, Sound Output Type M: Medium Loud, to 98dBA at 2" or 95dBA at 1m C: Continuous Tone **T**: Intermittent Tone E: Extra Loud, to 103dBA at 2" or 100dBA 1m U: Ultra Loud, to 108dBA at 2" or 105dBA 1m W: Warble Tone (above Sound Output is for continuous tone type H: Chime Tone alarm) S: Siren Tone



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