

Description

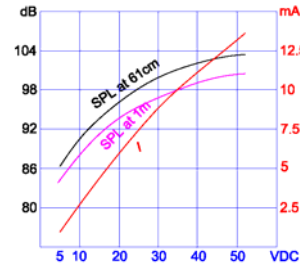
The CPA26G530CMC27W127R is a Continuous Tone, Media Loud, 5 to 30 Vdc Piezoelectric Alarm with 2,900 Hz sound frequency. AMP SL-156 series connector, RoHS compliant

- ◆ RoHS Compliant.
- ◆ Reliable Solid State Piezoelectric Technology.
- ◆ Corrosion Resistant Stainless Steel Diaphragm.
- ◆ EMC/EMI/EMS/RF Compliance.
- ◆ Flame Retardant Plastic.
- ◆ Extended storage temperature.
- ◆ Hermetically Sealed Alarm.

Picture



Characteristics



Specification

- Operating Mode
- Nominal Operating Voltage
- Operating Voltage
- Operating Frequency
- Sound Output
- Operating Current
- Operating Temperature
- Surge Voltage
- Reverse Voltage Protection

Media Loud, Continuous Tones.
 24 Vdc
 5 to 30 Vdc
 2,900+/-300Hz
At Minimum Voltage 82+/-5dB(A), at 5 Vdc, at 24 inches (61cm), at 25°C
At Maximum Voltage 98+/-5dB(A), at 30 Vdc, at 24 inches (61cm), at 25°C
At Minimum Voltage 5 mA at 5 Vdc
At Maximum Voltage 20 mA at 30 Vdc
Storage Temperature -40°C to +100°C
 20% over maximum rated voltage for less than 5 minutes
 To the maximum rated voltage

RoHS Compliant

Does not contain: lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE). Note, Piezoelectric Ceramic Disc is made with over 60% Lead Oxide and is exempt under Article 5 (b) and Article 251 section 11of the Treaty in the light of the joint text approved by the Conciliation Committee of THE EUROPEAN PARLIAMENT AND THE COUNCIL OF THE EURO-PEAN UNION, on 8 November 2002

Termination

Description 18 AWG (7X32) Wires, GXL, Copper, XPLE insulated, 5.0 (127) long with AMP connector SL-156 series. Color coded: Red Positive and Black Negative.

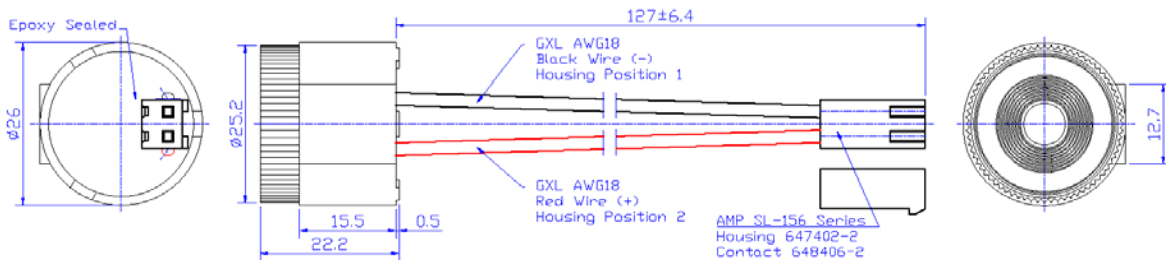
Construction Materials

Termination Strength Maximum of 22 pounds (10 Kg) load pull test for 10 seconds
Case 26G Case, plastic, NORYL™, PX9406 or equal, flame retardant UL 94-V0, Grey
Diaphragm Satinless Steel Disc 304
Encapsulation 2 parts epoxy resin or silicone potting, Black

Weight (Typical) Reliability

Color Grey
Humidity +40 +/-2 °C,90-95%RH, 120 hours
Thermal Shock -30+/-2°C, 1 hr →+20°C 5 min. →+65+/-2°C, 1 hr. →+20°C 5 min. 5 cycles.
Salt Spray Withstand exposure to salt spray per ASTM B117-97 for a period of 2,000 hours with no decrease in sound output
Vibration 10g sweep from 50 to 1,000Hz. In 2 minutes
Shock 500 cycles of 35g duration of 0.02 sine wave
Drop Test Dropped naturally from 1.0 meter height on concrete floor. 2 directions— upper and side of the part are applied
Life Test At rated voltage in room temperature, 1 cycle = 1 min. ON 4 min. OFF, continuously for 1000 hours
Life Expectancy Ten (10) years under normal operating conditions
Warranty For a period of two (2) years from date of manufacture under normal operating conditions.

Dimensions (Unit:mm, Tolerance: +/-0.03 inch [0.75mm] unless otherwise specified)



All specifications are subject to change without notice.

Composed by: J Guo/090825 Checked by: Gong YS, Zhu YC/090825 Approved by: Wang Z/090825



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Revisions History

Version Number	Description	Name
090825	Original RoHS compliant version	Jack Guo

Composed by: J Guo/090825 Checked by: Gong YS, Zhu YC/090825 Approved by: Wang Z/090825

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