

Electrical and Acoustical Parameter

| | |
|---|-------------------|
| Operating Voltage (VDC) | 6.0 – 30.0 |
| Rated Voltage (VDC) | 12/24 |
| Current Consumption (mA, max)* | 25/35 |
| Sound pressure level (dBA@1m, 12/24VDC) | min. 87/97 |
| Resonance Frequency (Hz) | 3000±200 |
| Tone | Constant |
| Remark: | *at rated voltage |

Mechanical, Environmental Parameter

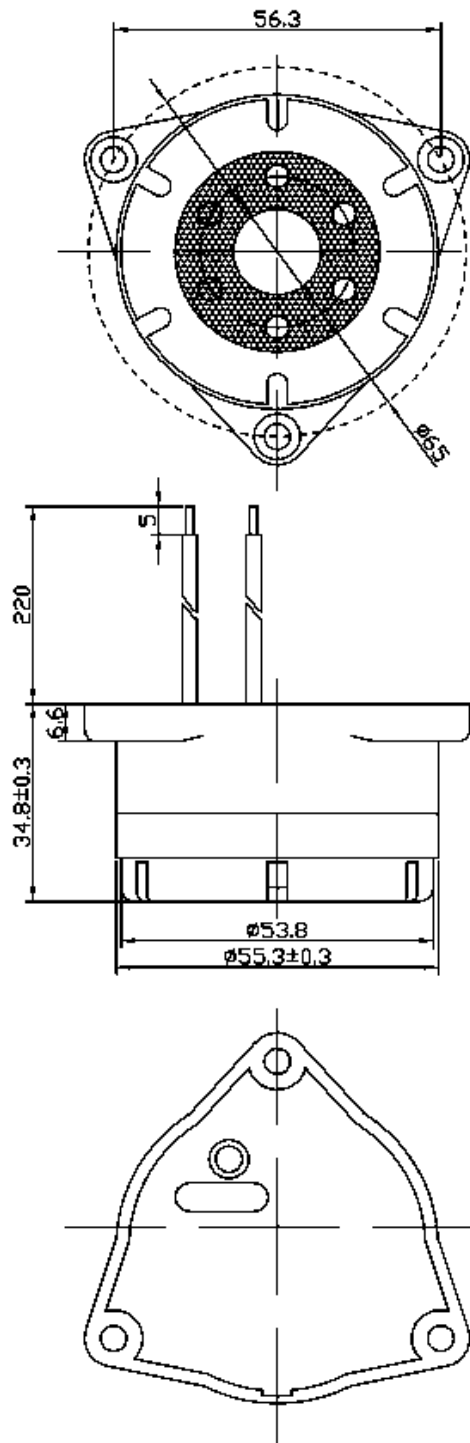
| | |
|----------------------------|-------------|
| Contact | WiresAWG 20 |
| Operating Temperature (°C) | -20 to +80 |
| Mounting | Bracket |
| Material Housing | ABS ROSIN |
| Color Housing | white |
| IP rating | 67 |
| Component Weight (g) | n.a. |
| Packaging | n.a. |
| Remark: | n.a. |

Approval

| | |
|------|-------------------------------------|
| RoHs | <input checked="" type="checkbox"/> |
| UL | <input type="checkbox"/> |

| | | | | | |
|-------------|----|------------|-------------------------------------|-------------------|--------------|
| Designed by | MZ | 18.03.2013 | Dimensions without tolerance ±0.3mm | Index: 00 | Current date |
| Released by | UB | 18.03.2013 | Drawing number | 130318.1ST | 18.03.2013 |
| Changed by | | | | | Page 1 of 3 |

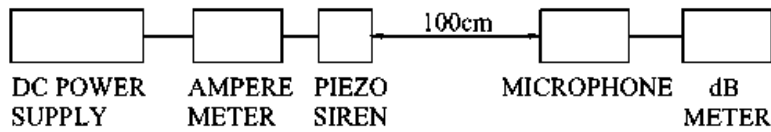
Drawing of Components



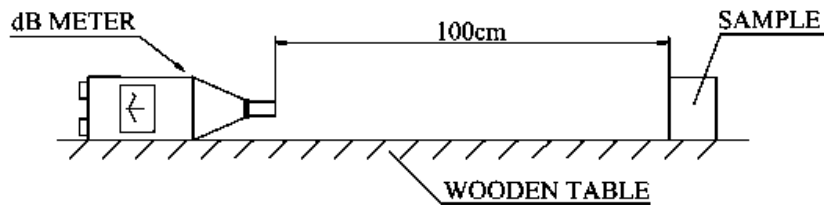
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Test Method

Sound Pressure Level Test



In the measuring test, Piezo Siren are placed as follows:



Reliability Test

| ITEMS | METHOD OF TEST AND MEASUREMENTS | PERFORMANCE |
|------------------------|---|----------------------------|
| Low Temperature Test | After 98 hours of being exposed to -20°C environment, should returned to normal environment for 2hours, then re-proceed to test. | No abnormality shall exist |
| High Temperature Test | After 98 hours of being exposed to +80°C environment, should returned to normal environment for 2hours, then re-proceed to test. | No abnormality shall exist |
| Humidity Cycles Test | After 98 hours of being exposed to 40°C 95%RH environment in actual operation, should returned to normal environment for 2hours, then re-proceed to test. 5 cycles. | No abnormality shall exist |
| Durability | Testing after 1000hours actual continuous operation | No abnormality shall exist |
| Vibration withstanding | Vibration of 2000 cycles per minute, 2mm amplitude, applied in X, Y and Z directions for 30 minutes each. | No abnormality shall exist |

Packaging Information

t.b.d.

Revision Table

| Index Nr. | Date Reason - Procedure Change description | Drawing Date | implementation | Comments |
|-----------|--|--------------|-----------------|----------|
| | | | LS-Nr.: Date | |
| | | | | |
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