
SPECIFICATION FOR APPROVAL

| | |
|-------------------|---------------------------|
| Product | PIEZO BUZZER (SELF DRIVE) |
| Part No. | AZ-2329S-P |
| Customer Approval | |

| Approved By | Checked By | Made By |
|-------------|------------|---------|
| | | |



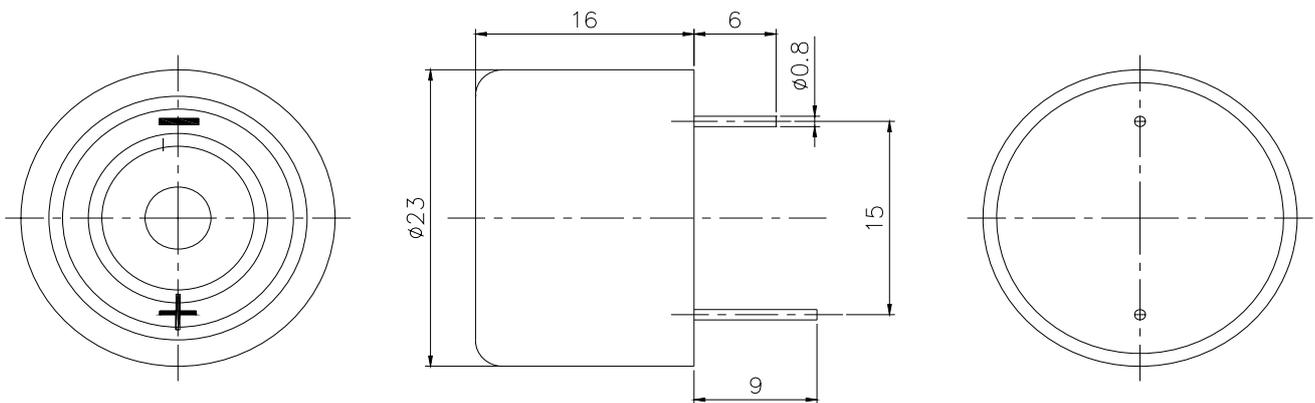
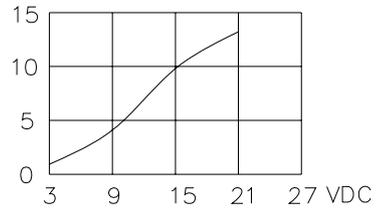
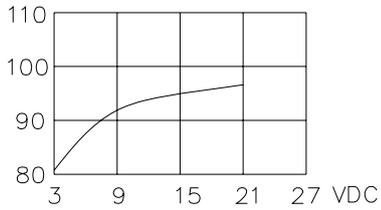
A & B Components

<http://www.speaker-tw.com>

AZ-2329S-P

| Items | | Units | Specifications | Conditions |
|-------|----------------------|------------|----------------|------------|
| 01 | Rated Voltage | VDC | 12.0 | |
| 02 | Operating Voltage | VDC | 3~20 | |
| 03 | Rated Current | mA(Max) | 8 | At 12 VDC |
| 04 | Sound Output At 30cm | dBA(Min) | 85 | At 12VDC |
| 05 | Resonant Frequency | Hz | 2900±500 | |
| 06 | Operating Temp. | °C | -20 ~ +60 | |
| 07 | Storage Temp. | °C | -30 ~ +70 | |
| 08 | Tone Nature | Single | | |
| 09 | Lead Pin Material | Red Copper | | |
| 10 | Weight | g | 6 | |

Value Applying Rated Voltage (VDC)



TOLERANCE: ±0.5mm

HOUSING MATERIAL : NORYL WAVE SOLDER AND WASH ALLOWED

AZ-2329S-P

| Item | | Conditions | Evaluation standard |
|------|-----------------------------|---|--|
| 01 | Low Temp. Storage Test | A°C±2°C ,240Hr | (S.P.L)Test before numerical ±10dB *wrong (Frequency)Test before numerical ±10% (Current)Test before numerical ±10% (No crake is allowed on the part surface after Free drop test) ● After the test ,the part shall meet the specifications without any degradation in appearance and performance |
| 02 | High Temp. Storage Test | B°C±2°C RH50% ,240Hr | |
| 03 | Temp./Humidity Storage Test | 40°C±2°C , RH90-95% 240Hr | |
| 04 | Thermal Shock Test | A°C±2°C (1Hr)→ ,20°C±2°C (1Hr) B°C±2°C (1Hr)→ ,20°C±2°C (1Hr)10 cycle | |
| 05 | Vibration Test | 10-55Hz/1min amplitude1.5mm,X,Y,Z,3 directions | |
| 06 | Mechanical Shock Test | +100G,Sine wave, XYZ , 3 impacts per axis | |
| 07 | Free Drop Test | The part shall be dropped freely from a height of 75 cm onto concrete 1 time in 2 axes (total 4 times) | |
| 08 | Life Burning Test | The part shall be subjected to 1000 hrs in the room temp with rated voltage applied | |
| 09 | Lead Wire / Pin Pull Test | The Part checking standard : Following supplier's Spec. Finished-part checking Standard vertical Pull i)100g MIN 0.05mm Thickness of ceramic ii)300g MIN 0.1mm ≤ Thickness of ceramic b: Horizontal Pull i)700g MIN | |

Remark : "A" means Storage low temp. "B" means Storage high temp