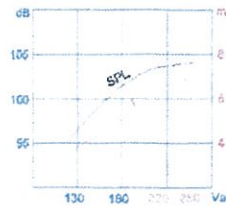


**SCOPE:** This specification applies Panel Mount Piezo Transducer **TRIP-620SCS**

**Characteristics**



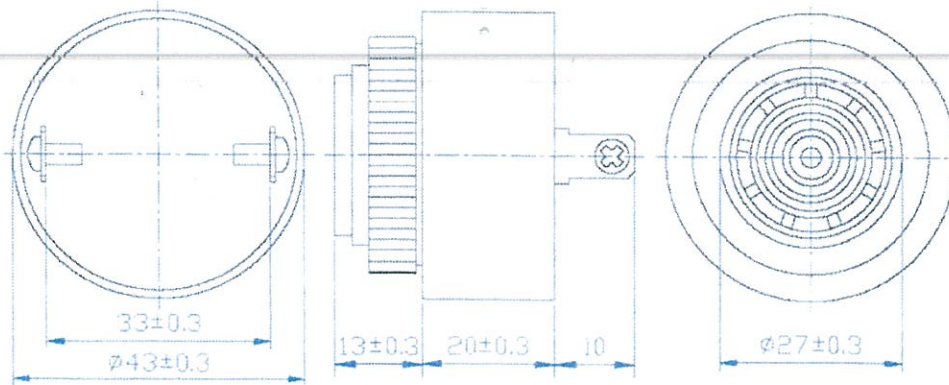
**Specification**

Operating Mode	Medium Loud, Continuous Tone
Nominal Operating Voltage	220Vac
Operating Voltage	130 to 250Vac
Operating Frequency	3,000+/-500Hz
Sound Output	95dB min. at 220Vac 30cm 25°C
Operating Current	8mA max. at 220Vac
Operating Temperature	-20°C to +60°C
Storage Temperature	-30°C to +70°C
Termination	Two, 0.25" (6.4mm) Quick Connect Blades, 0.032" (0.8mm) Wide, Brass, Electro-Tin Plated With M3 0.25" (6.4mm) long Stainless Steel Screws.
Termination Strength	Maximum of 15 pounds (6.8 Kg) load pull test for 10 seconds
Construction Materials	Case: Plastic, PC; Diaphragm: Stainless Steel Disc 304
Weight (Typical)	42 g
Reliability	<ul style="list-style-type: none"> <li>*Life Test: At rated voltage in room temperature, 1 cycle = 1 min. ON 4 min. OFF, continuously for 1000 hours</li> <li>*High Temperature: No function at +70+/-2°C for 240 hours; Function at +60+/-2°C for 240 hours</li> <li>*Low Temperature: No function at -30+/-2°C for 240 hours; Function at -20+/-2°C for 240 hours</li> <li>*Humidity: +60 +/-2°C, 90-95%RH, 120 hours</li> <li>*Thermal Cycle: -30+/-2°C 1 hr → +20 +/-2°C 5 min. → +70+/-2°C 1 hr → +20+/-2°C 5 min. 5 cycles</li> <li>*Vibration: 1.5mm with 10 to 50Hz of vibration frequency to each of 3 perpendicular directions for 2 hours</li> <li>*Shock: 980m/s<sup>2</sup> (=100g) shock for each mutually perpendicular directions, half sine wave, 3 times each</li> <li>*Drop Test: Dropped naturally from 700mm height onto the surface of 10mm wooden board. 2 directions – upper and side of the part are applied</li> </ul>

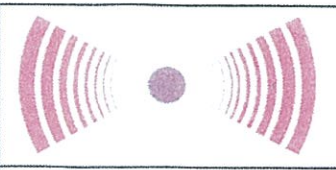
**Warranty**

\* 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).  
 \*\*90% min. soldering pads shall be with solder.(except the edge of pad)

**Dimensions (Unit: mm)**



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All dimensions are in MM unless otherwise specified

Drawing Number:  
**TRIP-620SCS**  
 (Continuous Tone)

**Panel Mount Piezo**

Date:  
 07/25/2016

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