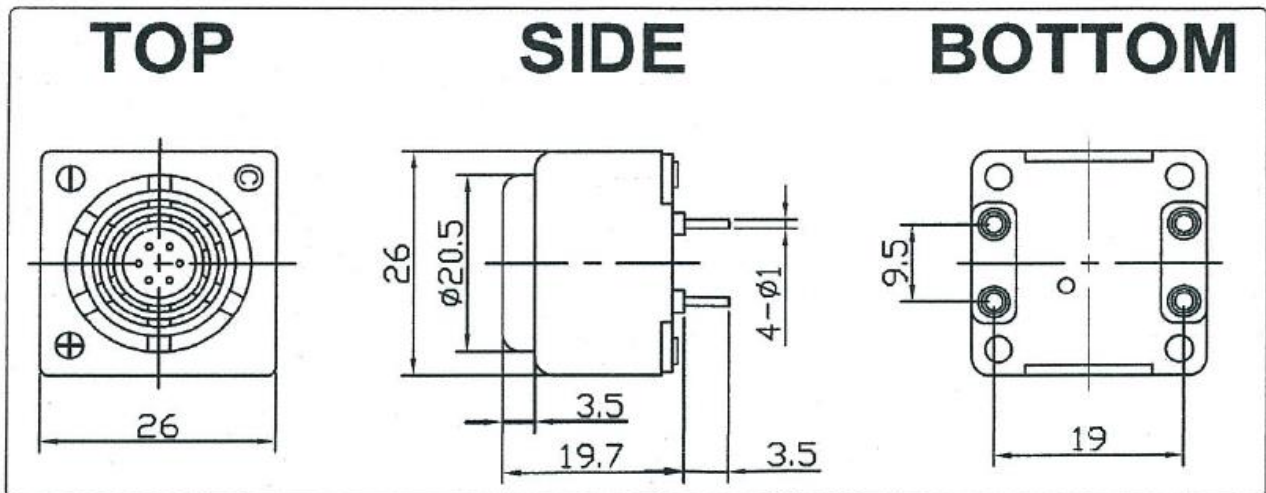


SCOPE: This specification applies to **TRIE-2612P4HS (Modified Pins)**

SPECIFICATIONS.

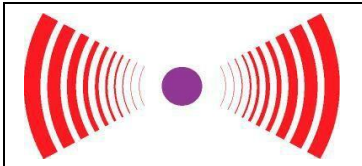
No.	Item	Unit	Specification	Condition
1	Sound Pressure Level	dBA	Min 95	10cm at rated voltage
2	Rated Voltage	VDC	12	
3	Operating Voltage Range	VDC	8.0 ~ 16	
4	Resonant Frequency	Hz	400 +/-100	
5	Max Operating current	mA	MAX. 45	Applying rated voltage
6	Tone		Single	
7	Operating Temp	C	-20 ~ +80	
8	Storage Temp	C	-40 ~ +85	
9	Housing		NORYL	
10	Weight	g	17	

DIMENSIONS.



Tolerance: ±0.5mm except specified

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Transducers USA
1400 Howard Street
Elk Grove, IL 60007
Toll Free: 888-921-6400 FAX: 847-956-1950
www.tusainc.com info@tusainc.com

All dimensions are in MM unless otherwise specified

Drawing Number:
TRIE-2612P4HS

Mechanical Buzzer
1 of 2

Date:
5/23/2017

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SCOPE: This specification applies to **TRIE-2612P4HS (Modified Pins)**

RELIABILITY.

a) HIGH TEMPERATURE TEST

After exposure at $+80 \pm 2^\circ\text{C}$ for 96 hours and room temperature for 2 hours, the value of frequency/current/SPL should meet specifications shown in page 2.

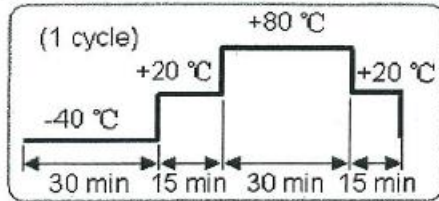
c) LOW TEMPERATURE TEST

After exposure at $-40 \pm 2^\circ\text{C}$ for 96 hours and room temperature for 2 hours, the value of frequency/current/SPL should meet specifications shown in page 2.

d) HUMIDITY TEST

After exposure at $+40 \pm 2^\circ\text{C}$, 90 - 95%RH for 48 hours and room temperature for 2 hours, the value of frequency/current/SPL should meet specifications shown in page 2.

e) THERMAL SHOCK TEST



After exposure to above temperature cycle for 5 times and room temperature for 2 hours, the value of frequency/current/SPL should meet specifications shown in page 2.

f) VIBRATION TEST

After vibrating the object with 1.5mm amplitude at 10 - 50 Hz in 3 perpendicular directions for 2 hours each, the value of frequency/current/SPL should meet specifications shown in page 2.

g) DROP TEST

After Dropping naturally from 700mm height onto the surface of 10mm wooden board with 3 directions, the value of frequency/current/SPL should meet specifications shown in page 2.

h) SOLDER HEAT RESISTANCE

Soldering into solderbath:

Soldering Temperature: $350 \pm 10^\circ\text{C}$

Soaking time: $3.5 \pm 0.5\text{sec}$

(After above test, the value of frequency/current/SPL should meet specifications shown in page 2.)

i) SOLDERABILITY

Soldering into solderbath:

1) Hand soldering conditions

Soldering Temperature: $350 \pm 10^\circ\text{C}$

Soaking time: $3.5 \pm 0.5\text{sec}$

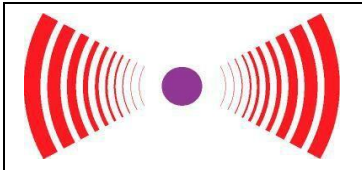
(At least 95% lead terminals should be covered by solder with above conditions.)

2) Flow soldering conditions

Soldering Temperature: $260 \pm 5^\circ\text{C}$

Soaking time: $6 \pm 1\text{sec}$

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Drawing Number:

TRIE-2612P4HS

Mechanical Buzzer
2 of 2

Date:

5/23/2017

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