

EDCON-COMPONENTS



Specifications

Rated Voltage: 5VDC
 Operating Voltage: 4~7VDC
 Rated Current: 30mA max.
 Typical Sound Output: 85dB min / 10cm

Operating Frequency: 2300Hz +/-300Hz
 Operating Temperature: . -25°C to +70°C
 Storage Temperature: . -30°C to +80°C
 Weight: 1,7gr.

Life Test: At rated Voltage in room temperature continuously for 1000hours
 Operating Voltage: Driving from -25°C to +70°C within 30minutes for 2 cycles
 High Temperature: Tol.2°C . +80 +/-2°C for 96 hours
 Low Temperature: Tol. 2°C . +30 +/-2°C for 96 hours
 Humidity: 25°C +/-2°C, 90-95%RH, 5hr>up to 55°C +/-2° C, 90-95%RH, 0,5hr> 55°C +/-2°C 90-95%RH 5hr>downto 25°C +/-2°C 90-95%RH, 0,5hr, 10cycles
 Thermal Shock: . -30°C +/-2°C, 30min>+20°C, 15min,>+80° C +/-2°C, 30min> +20°C, 15min, 5cycles
 Vibration: 1,5mm with 10 to 50Hz of vibration frequency to each of 3 perpendicular directions of 2 hours
 Shock: 98m/s² (100g) shock for each mutually perpendicular directions, half sine wave, 3 times each 11ms by half sine wave
 Drop Test: Dropped naturally from 700mm height onto the surface of 10mm wooden board. 2 directions upper and side of the parts are appl.

Features

Reliable Solid State Piezoelectric Technology
 Corrosion Resistance Diaphragm
 Flame Retardant Plastic
 Tape and Reel Packaging for auto mounting

Applications

Automatic Control Equipment
 Communication Equipment
 Electronic Instruments

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).

THT Electro Magnetic Buzzer

Part No.: I21005

Customer:

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	10.06.2010
APPD:	Schumi			FINISH	Jamy		Sheet No.		1 from 4

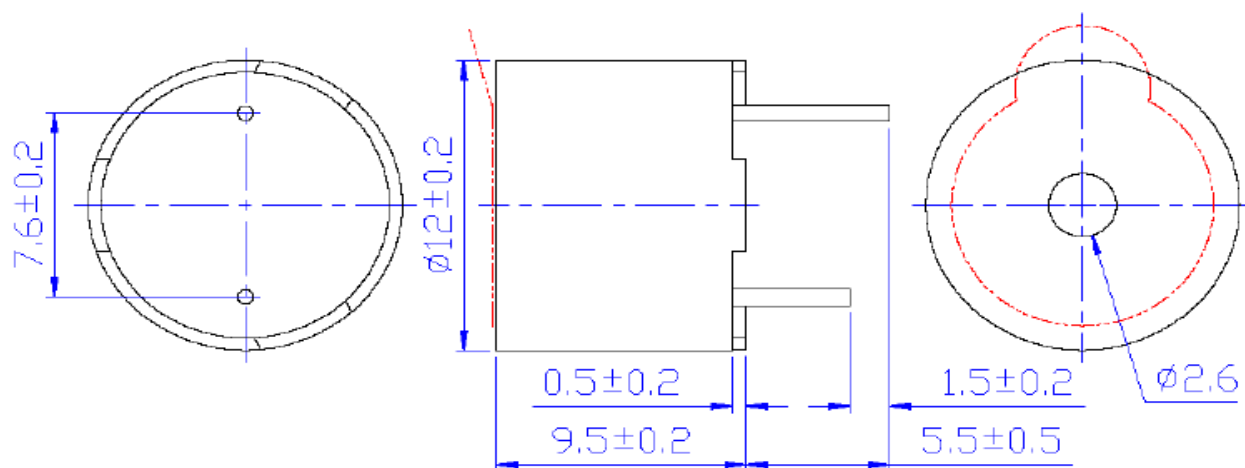
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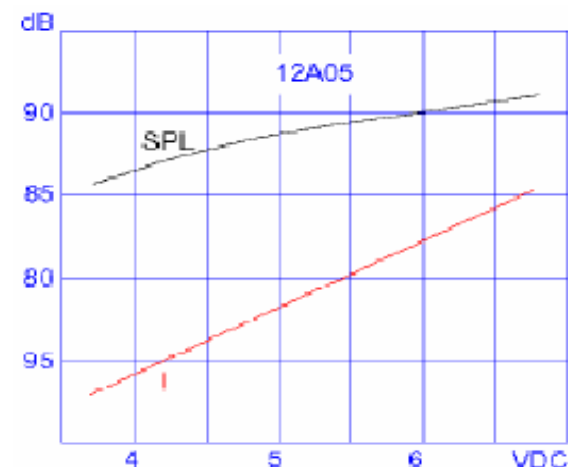
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Dimensions (mm)



Characteristics



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email: info@edcon-components.com

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Ordering Informations

Serie	Model-No.	ROHS	Package						
I21005	12A052.3	R	TY						

R = ROHS Conform	TY = Tray Packing
N = NON ROHS Conform	TU = Tube Packing

**THT Electro Magnetic
Buzzer**

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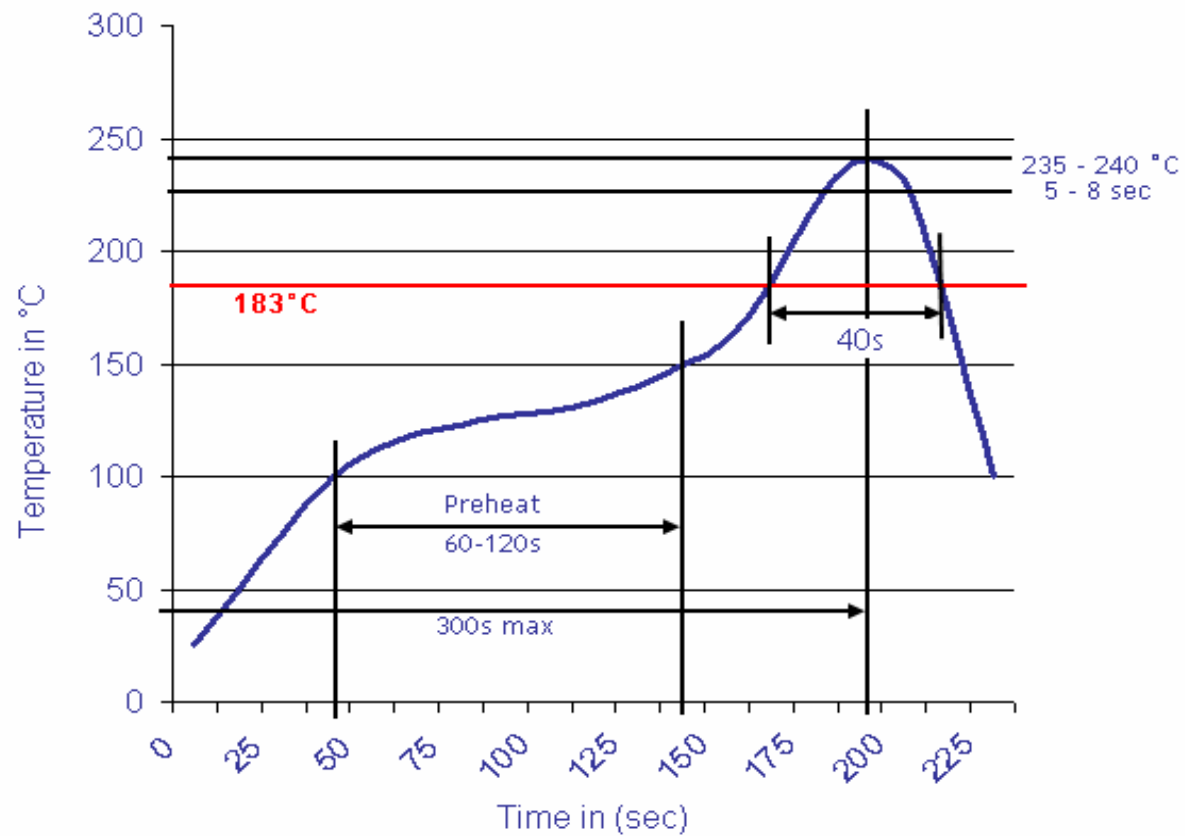
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Soldering Profile Curve

Classification Reflow Profile (JEDEC J-STD-020C)


**THT Electro Magnetic
Buzzer**

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