

# EDCON-COMPONENTS



## Specifications

Rated Voltage:	5Vp-p max. square wave
Operating Voltage:	1~ 25Vp-p max. square wave
Rated Current:	1mA at 3Vp-p
Capacitance at 100Hz :	15000pf +/-30%
Typical Sound Output:	85 dB min square wave ( 10cm)
Resonant Frequency:	4000 Hz +/-500Hz
Operating Temperature:	. -20°C to +70°C
Storage Temperature:	. -30°C to +80°C
Weight	1,0gr.

Life Test:	Operate at Rat. V in room temperature continuously for 1000hours
Operating Temperature:	Driving from -20°C to +70°C within 30minutes for 2 cycles
High Temperature:	. +80°C +/-2°C, 120hrs
Low Temperatur:	. -30°C +/-2°C, 120hrs
Humidity:	. +60°C +/-2°C, 90-95%RH, 120hrs
Thermal Shock:	. -30°C +/-2°C, 1hrs> +20°C, 5min, > +80°C +/-2°C, 5min, 5cycles
Shock:	980/s <sup>2</sup> (=100g) shock for each 3mutually perpendicular directions to each of 3 times by sine half sine wave
Vibration:	1,5mm with 10 to 50Hz of vibration frequency to each 3 perpendicular for 2hrs.
Drop Test:	Dropped naturally from 700mm height onto surface of 10mm thick wooden board. 2directions- upper and side of the part are to by applied.

## 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

SPL change: within +/- 10dB of the initial value ( Recovery: 1 to 4 hrs of recovery under the standard condition after the removal from test chamber).

### THT Piezo Transducer

Part No.: **Y17004**

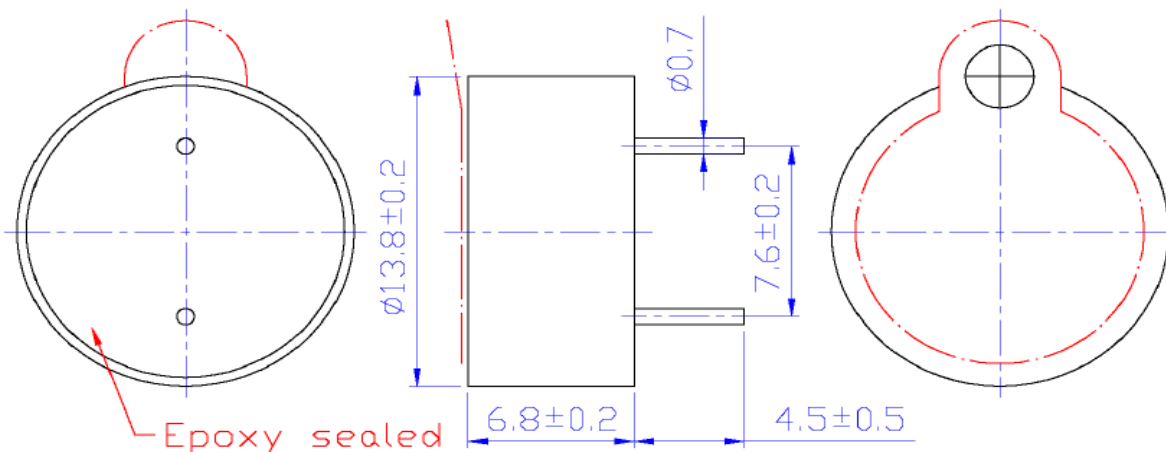
Customer:

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

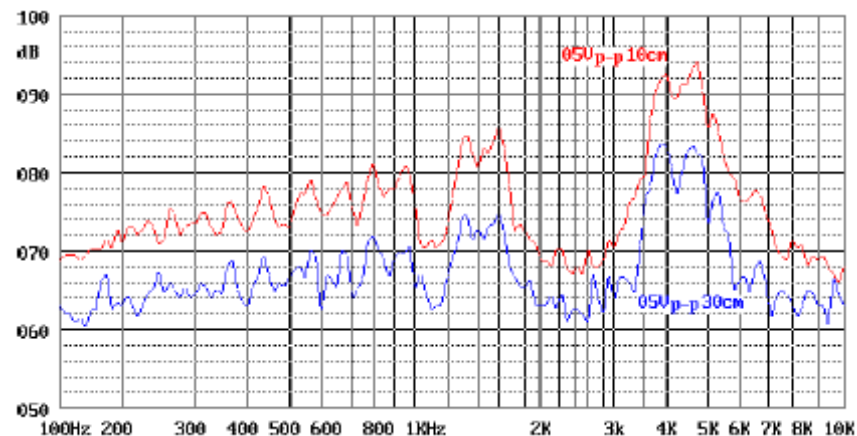
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## Dimensions (mm)



## Characteristics



**THT Piezo Transducer**

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[www.edcon-components.com](http://www.edcon-components.com)

email: [info@edcon-components.com](mailto:info@edcon-components.com)

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## Ordering Informations

Serie	Model-No.	ROHS	Package						
Y17004	14A054.0	R	TY						

<b>R</b> = ROHS Conform	<b>TY</b> = Tray Packing
<b>N</b> = NON ROHS Conform	<b>TU</b> = Tube Packing

**THT Piezo Transducer**

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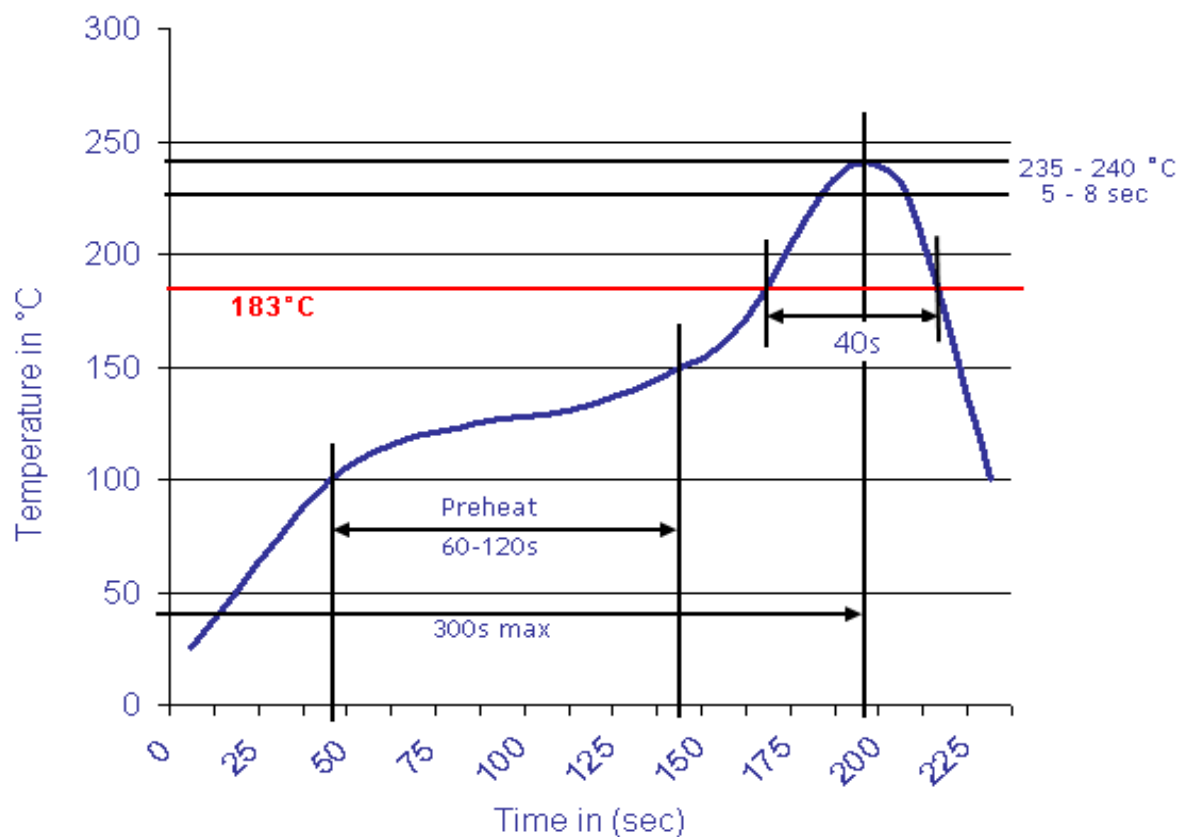
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Customer:



Soldering Profile Curve

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



**THT Piezo Transducer**

Part No.: **Y17004**

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