



# DATA SHEET

## Piezo Transducer

### Serie: Y11112

#### Piezo Transducer

Serie No.: **Y11112**

Customer:

|       |        |      |        |        |        |           |           |          |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE     | 17.06.2018 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. | 1 from 5 |            |

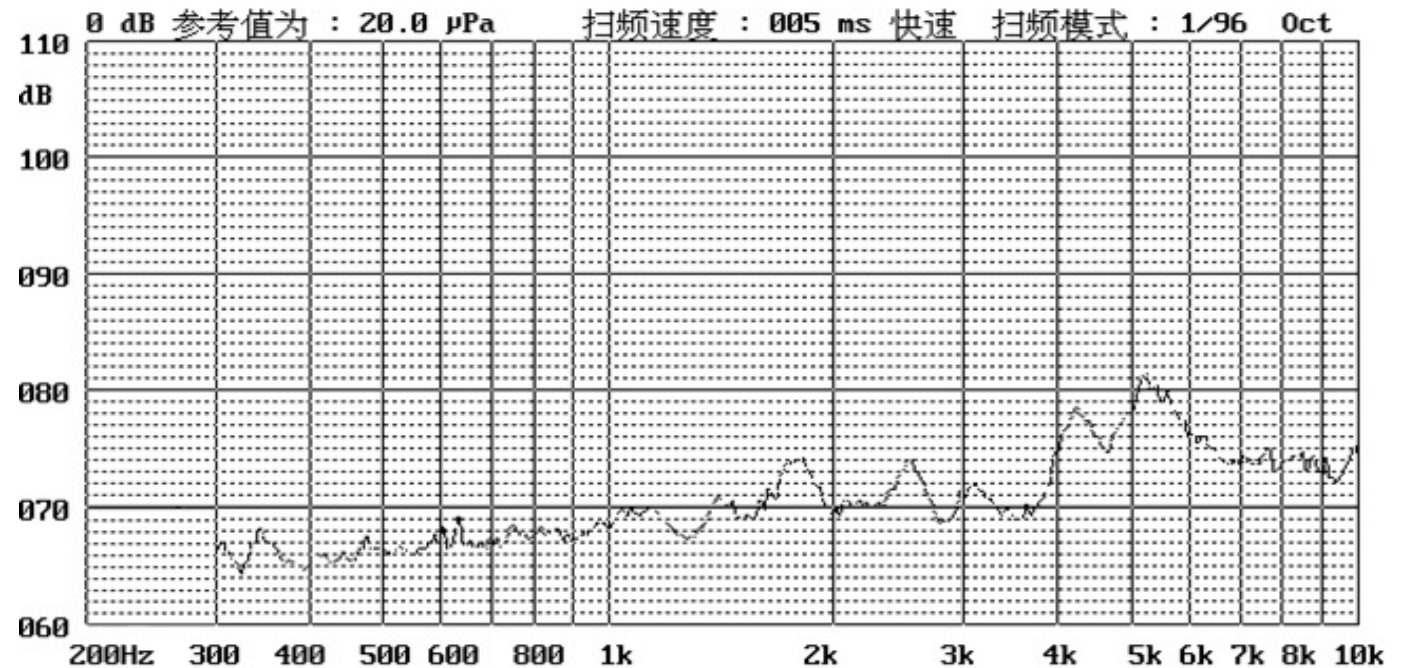
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## Technical Specifications

|                                       |                   |         |
|---------------------------------------|-------------------|---------|
| Rated Voltage:                        | 5,0               | (Vp-p)  |
| Operating Voltage:                    | 1,0 ~ 25,0        | (Vp-p)  |
| Oscillation Frequency:                | 4100              | Hz      |
| Current Consumption (mA/max) rated V. | 5                 | mA max. |
| Sound Pressure Level :@ 10cm rated V. | 85                | min. dB |
| Capacitance at 120Hz:                 | 12000 ± 30%       | pf      |
| Operating Temperature:                | -20~ +70          | °C      |
| Storage Temperature:                  | -30~ +80          | °C      |
| Dimensions:L x W x H                  | 9,0 x 9,0 x 1,8   | mm      |
| Termination Material / Plated         | Brass/ Tin Plated |         |
| Material:                             |                   |         |
| Housing:                              | PPA / Black       |         |
|                                       | SMD               |         |
| Packing Unit:                         | 2000              | PCS     |

## Frequency Chart



|       |        |      |        |        |                            |           |       |           |            |                  |
|-------|--------|------|--------|--------|----------------------------|-----------|-------|-----------|------------|------------------|
|       |        |      |        |        | Unspecified Tolerance (mm) |           |       |           |            | Piezo Transducer |
|       |        |      |        |        | X.                         | X.x       | X.xx  | X.xxx     | X.xxxx     |                  |
|       |        |      |        |        | 0,35                       | 0,25      | 0,2   | 0,15      |            |                  |
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson                     | TOLERANCE | Mason | DATE      | 17.06.2018 | Part No.: Y11112 |
| APPD: | Schumi |      |        | FINISH | Jamy                       |           |       | Sheet No. | 2 from 5   | Customer:        |

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

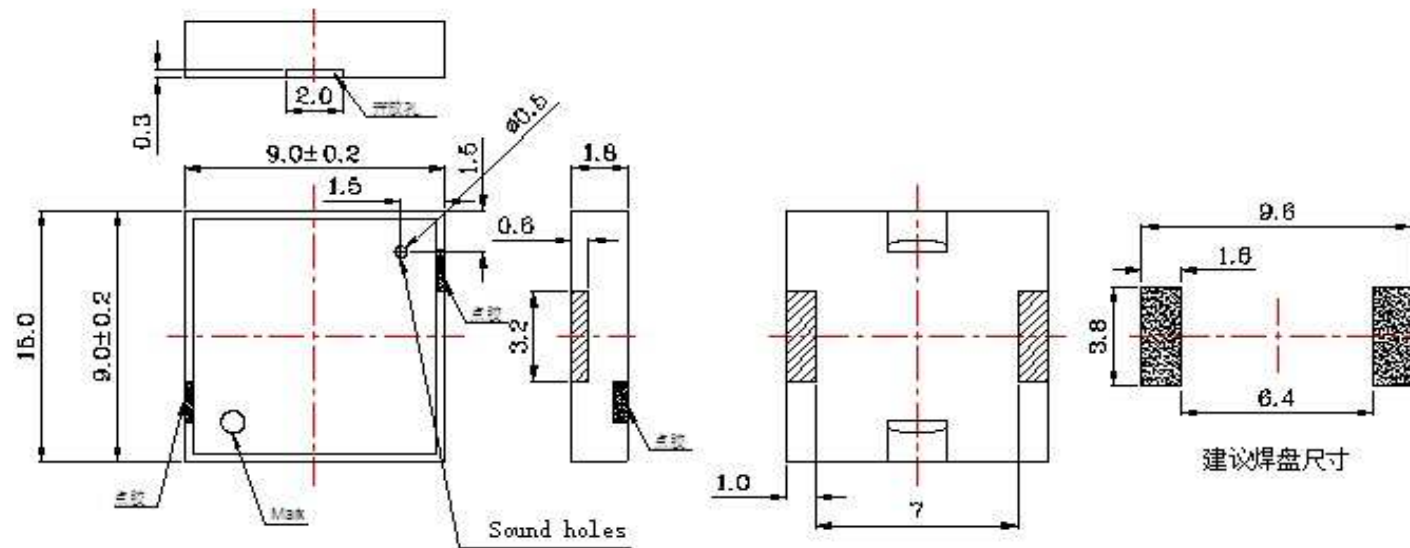
email: [info@edcon-components.com](mailto:info@edcon-components.com)

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## Technical Drawing



## Piezo Transducer

Part No.: Y11112

Customer:

|       |        |      |        |        |        |           |           |          |            |
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| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE     | 17.06.2018 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. | 3 from 5 |            |

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## Ordering Informations

| Serie  | Special function | Special function | Special function | ROHS | Packing Code |  |  |  |  |  |
|--------|------------------|------------------|------------------|------|--------------|--|--|--|--|--|
| Y11112 | N                | N                | N                | R    | TR           |  |  |  |  |  |

|                        |                        |                        |                     |                        |
|------------------------|------------------------|------------------------|---------------------|------------------------|
| 0= no special function | 0= no special function | 0= no special function | R= ROHS Conform     | BU= Bulk Ware          |
|                        |                        |                        | N= NON ROHS Conform | TU= TUBE Packing       |
|                        |                        |                        |                     | TY= TRAY Packing       |
|                        |                        |                        |                     | TR= TAPE REEL Packing  |
|                        |                        |                        |                     | IV= Individual Packing |

**Piezo Transducer**

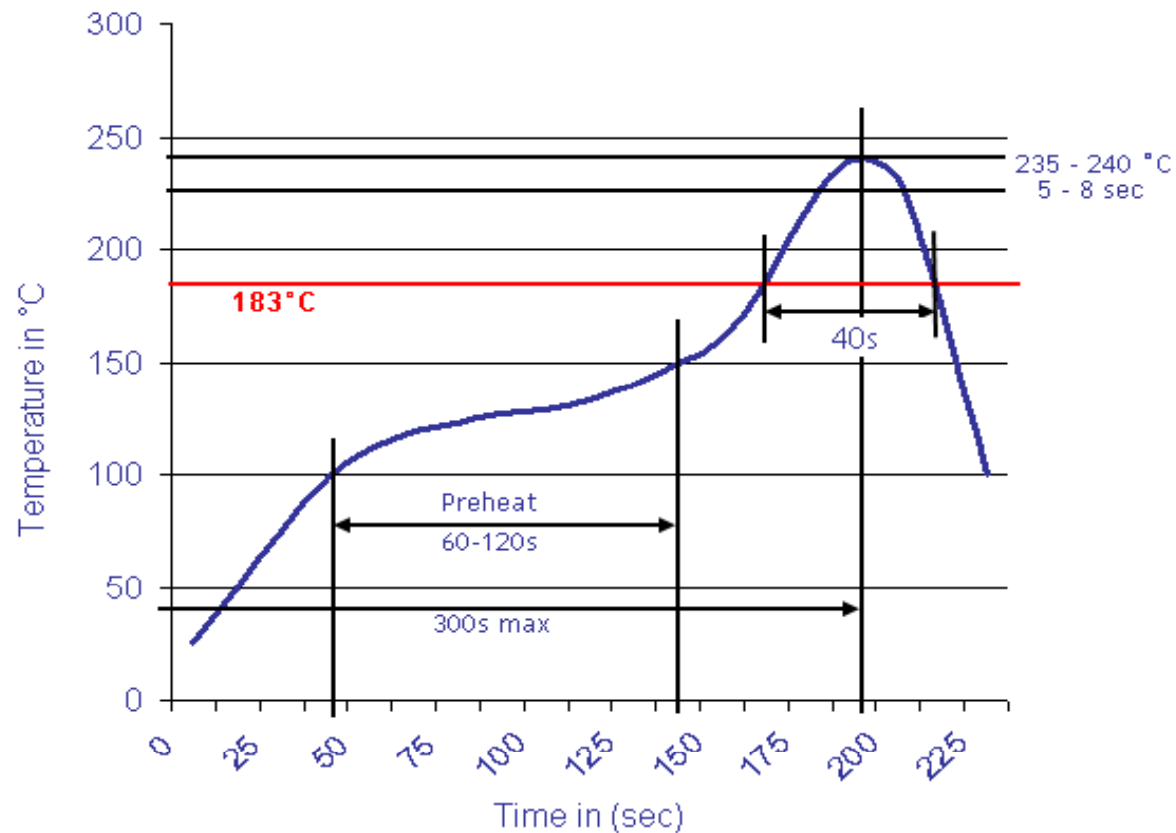
Part No.: Y11112

|       |        |      |        |        |        |           |       |           |            |           |
|-------|--------|------|--------|--------|--------|-----------|-------|-----------|------------|-----------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason | DATE      | 17.06.2018 | Customer: |
| APPD: | Schumi |      |        | FINISH | Jamy   |           |       | Sheet No. | 4 from 5   |           |



## Soldering Profile Curve

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

**Piezo Transducer**Part No.: **Y11112**

Customer:

|       |        |      |        |        |        |           |           |          |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE     | 17.06.2018 |
| APPD: | Schumi |      |        | FINISH | Jamy   |           | Sheet No. | 5 from 5 |            |