



# DATA SHEET

## Piezo Transducer

### Serie: Y11132

#### Piezo Transducer

Serie No.: **Y11132**

Customer:

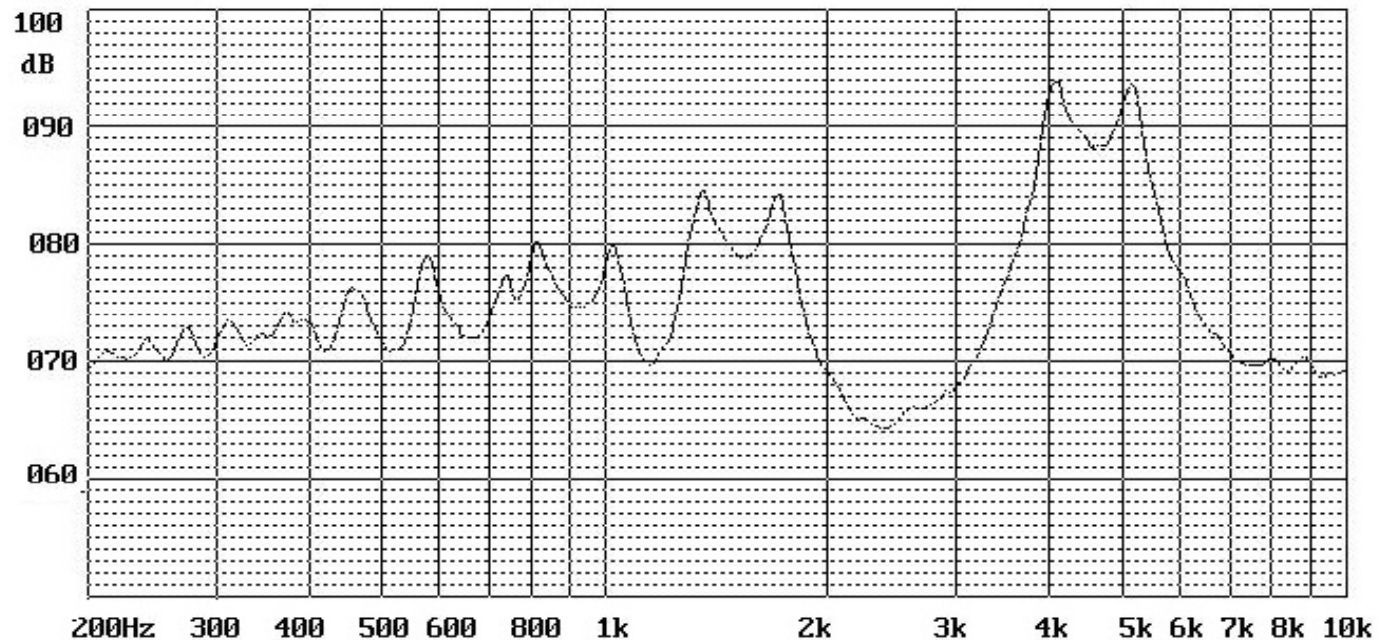
|       |        |      |        |        |        |           |           |          |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE     | 17.06.2018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



## Technical Specifications

|                                       |                   |         |
|---------------------------------------|-------------------|---------|
| Rated Voltage:                        | 12,0              | (Vp-p)  |
| Operating Voltage:                    | 1,0 ~ 30,0        | (Vp-p)  |
| Oscillation Frequency:                | 4000 ±500         | Hz      |
| Current Consumption (mA/max) rated V. | 12                | mA max. |
| Sound Pressure Level :@ 10cm rated V. | 90                | min. dB |
| Capacitance at 120Hz:                 | 15000 ± 30%       | pf      |
|                                       |                   |         |
| Operating Temperature:                | -20~ +70          | °C      |
| Storage Temperature:                  | -30~ +80          | °C      |
| Dimensions:L x W x H                  | 17,0 x 5,0        | mm      |
| Termination Material / Plated         | Brass/ Tin Plated |         |
| Material:                             |                   |         |
| Housing:                              | PPS / Black       |         |
|                                       | SMD               |         |
| Packing Unit:                         | 400               | PCS     |

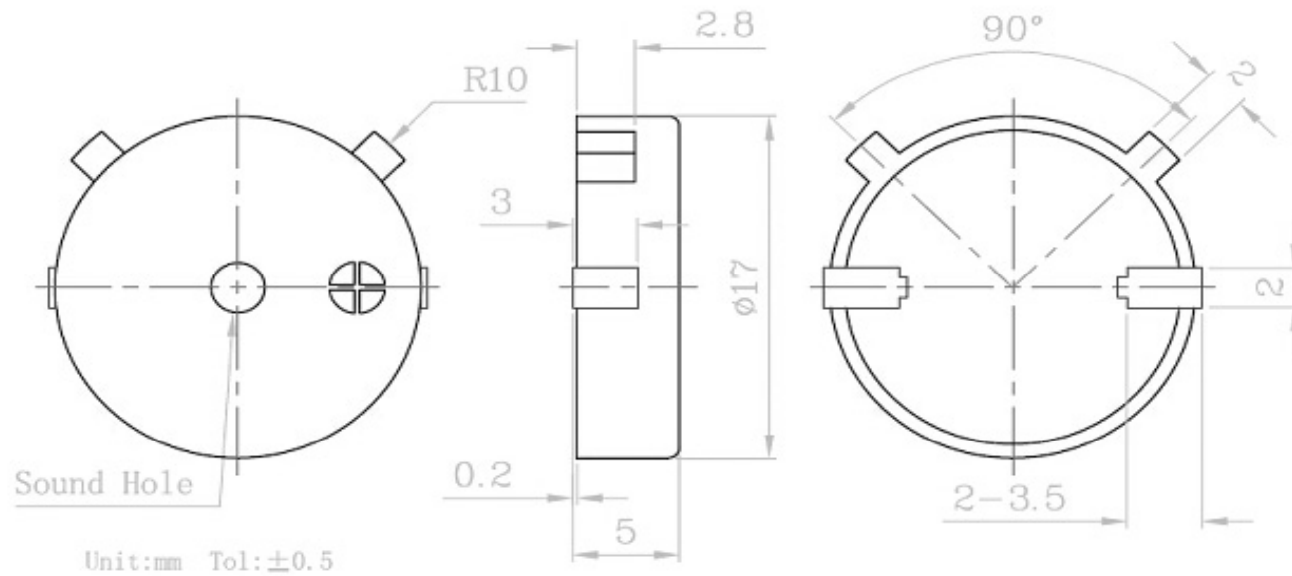
## Frequency Chart



|       |        |      |        |        |                            |           |           |          |            |                                                                         |
|-------|--------|------|--------|--------|----------------------------|-----------|-----------|----------|------------|-------------------------------------------------------------------------|
|       |        |      |        |        | Unspecified Tolerance (mm) |           |           |          |            | <b>Piezo Transducer</b><br><br>Part No.: <b>Y11132</b><br><br>Customer: |
|       |        |      |        |        | X.                         | X.x       | X.xx      | X.xxx    | X.xxxx     |                                                                         |
|       |        |      |        |        | 0,35                       | 0,25      | 0,2       | 0,15     | 17.06.2018 |                                                                         |
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson                     | TOLERANCE | Mason     | DATE     | 17.06.2018 | Customer:                                                               |
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## Technical Drawing



## Piezo Transducer

Part No.: Y11132

Customer:

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

# EDCON-COMPONENTS



## Ordering Informations

| Serie | Special function | Special function | Special function | ROHS | Packing Code |  |  |  |  |  |
|-------|------------------|------------------|------------------|------|--------------|--|--|--|--|--|
|-------|------------------|------------------|------------------|------|--------------|--|--|--|--|--|

|        |   |   |   |   |   |    |  |  |  |  |
|--------|---|---|---|---|---|----|--|--|--|--|
| Y11132 | - | 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.: Y11132

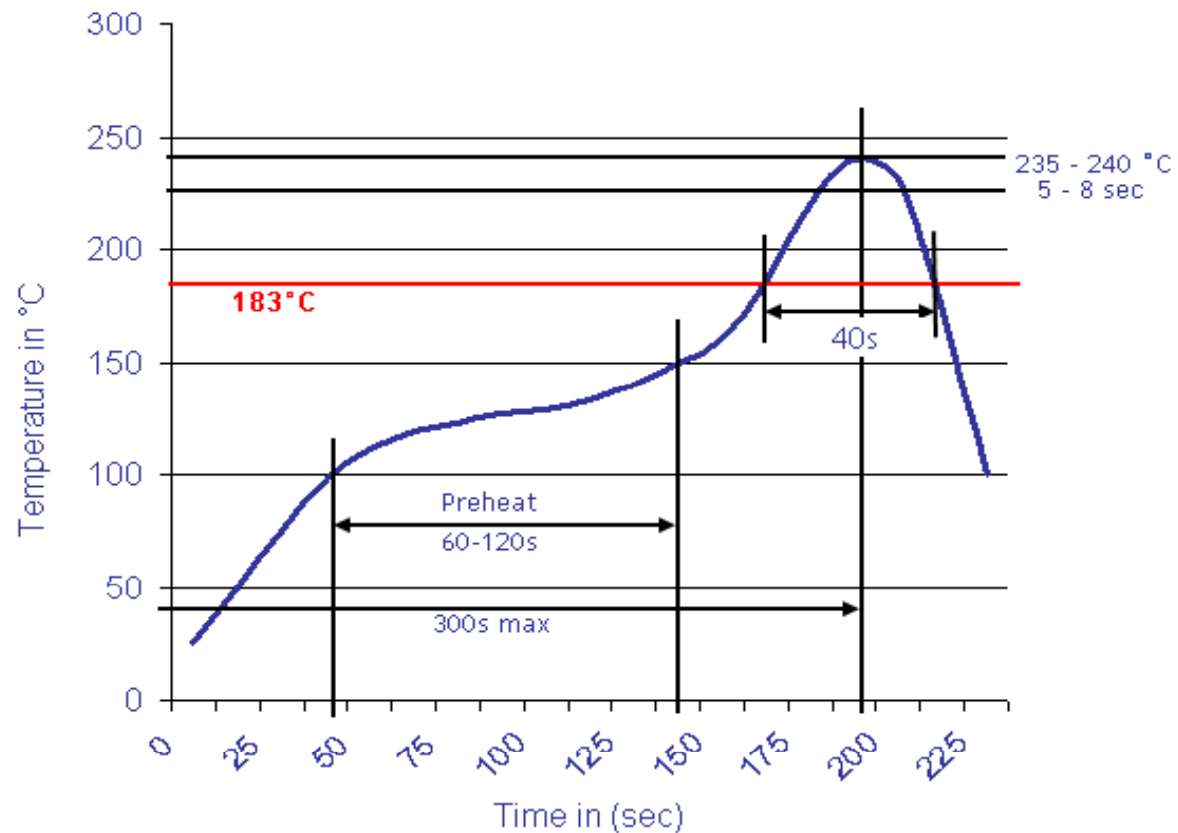
|       |        |      |        |        |        |           |           |          |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE     | 17.06.2018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

Customer:



## Soldering Profile Curve

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

**Piezo Transducer**Part No.: **Y11132**

Customer:

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