



# DATA SHEET

## Electro Magnetic Transducer

### Serie: Y11178

#### Electro Magnetic Transducer

Serie No.: Y11178

Customer:

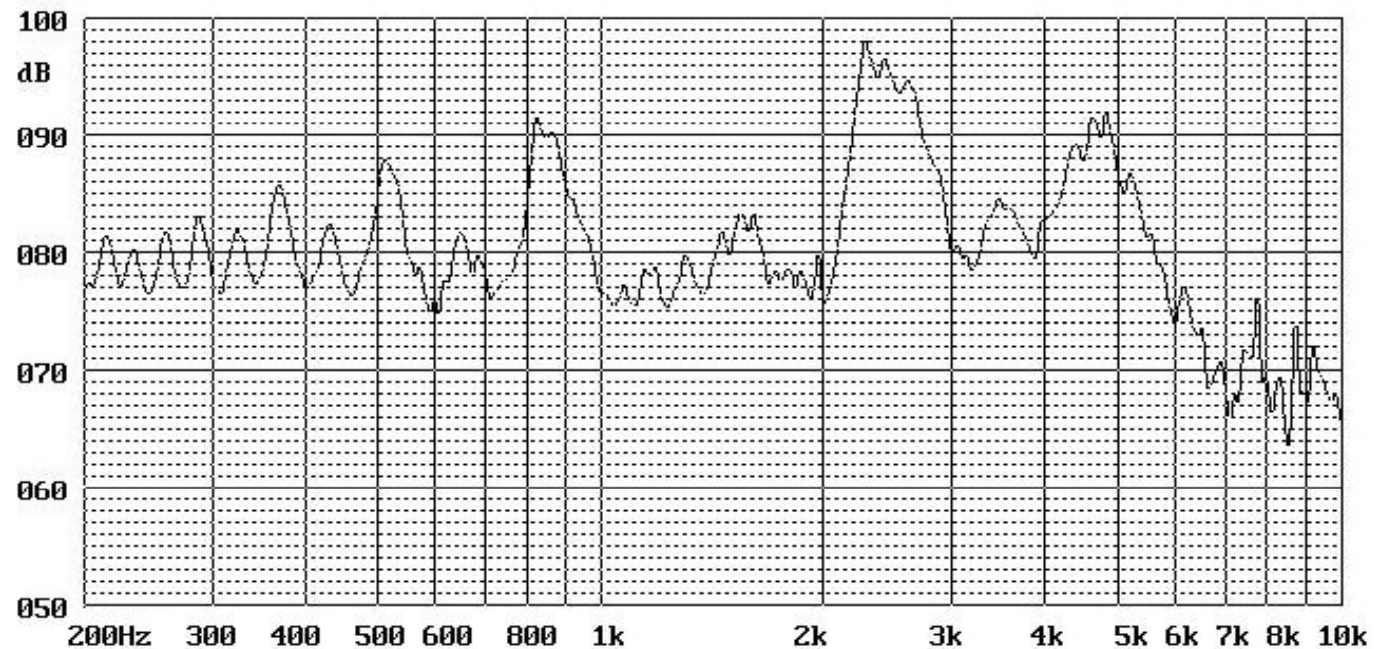
|       |        |      |        |        |        |           |           |      |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE | 17.06.2018 |
| APPD: |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



## Technical Specifications

|                                       |                   |         |
|---------------------------------------|-------------------|---------|
| Rated Voltage:                        | 12,0              | (Vp-p)  |
| Operating Voltage:                    | 7,0 ~ 15,0        | (Vp-p)  |
| Oscillation Frequency:                | 2048              | Hz      |
| Current Consumption (mA/max) rated V. | 50                | mA max. |
| Sound Pressure Level :@ 10cm rated V. | 90                | min. dB |
| Coil Resistance:                      | 140 ±14           | Ω       |
| Operating Temperature:                | -.20~ +70         | °C      |
| Storage Temperature:                  | -.30~ +80         | °C      |
| Dimensions:L x W x H                  | 12,0 x 9,0        | mm      |
| Termination Material / Plated         | Brass/ Tin Plated |         |
| Housing:                              | PPO / Black       |         |
| Termination:                          | THT               |         |
| Packing Unit: TRAY                    | 100               | PCS     |

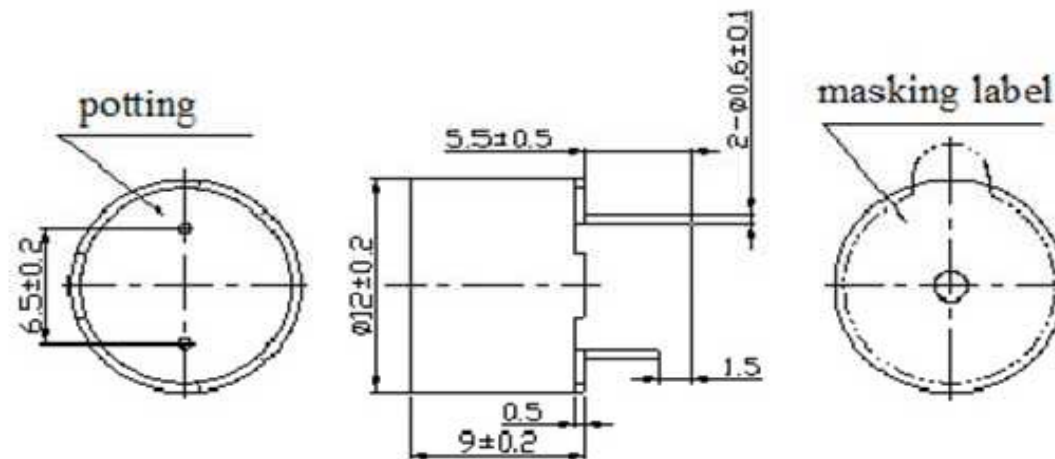
## Frequency Chart ( Distance= 10cm)



|       |        |      |        |        |                            |           |       |           |            |                             |        |
|-------|--------|------|--------|--------|----------------------------|-----------|-------|-----------|------------|-----------------------------|--------|
|       |        |      |        |        | Unspecified Tolerance (mm) |           |       |           |            | Electro Magnetic Transducer |        |
|       |        |      |        |        | X.                         | X.x       | X.xx  | X.xxx     | X.xxxx     |                             |        |
| DRW:  | Jason  | CHKD | Wilson | MATL:  | 0,35                       | 0,25      | 0,2   | 0,15      | 17.06.2018 | Part No.:                   | Y11178 |
| APPD: | Schumi |      |        | FINISH | Wilson                     | TOLERANCE | Mason | DATE      |            | Customer:                   |        |
|       |        |      |        |        | Jamy                       |           |       | Sheet No. | 2 from 5   |                             |        |



## Technical Drawing



### Electro Magnetic Transducer

Part No.: Y11178

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 |  |  |  |  |  |
|-------|------------------|------------------|------------------|------|--------------|--|--|--|--|--|
|-------|------------------|------------------|------------------|------|--------------|--|--|--|--|--|

|        |   |   |   |   |   |    |  |  |  |  |
|--------|---|---|---|---|---|----|--|--|--|--|
| Y11178 | - | 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 |

**Electro Magnetic Transducer**

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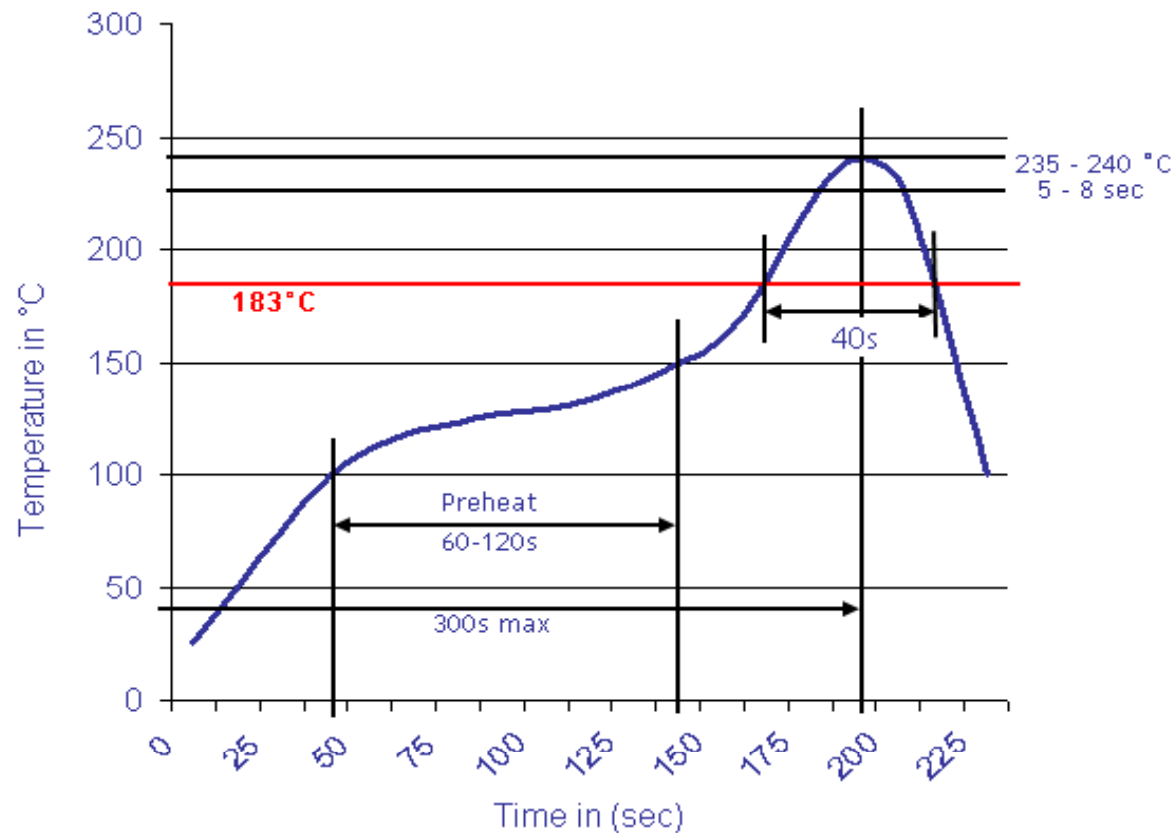
|       |        |      |        |        |        |           |           |          |            |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|
| DRW:  | Jason  | CHKD | Wilson | MATL:  | Wilson | TOLERANCE | Mason     | DATE     | 17.06.2018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

Customer:



## Soldering Profile Curve

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


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Transducer**

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Customer:

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