

Piezo Element

| | |
|-------------------|---------------|
| Customer | |
| Customer P/O | |
| BeStar Model Name | FT-35T-2.6A1 |
| Product No. | 161900 |
| Issue No. | BS/TEY01.064A |
| Issue Date | 04/01/16 |

Approval:

1. Technical Terms
2. Drawing
3. Characteristics



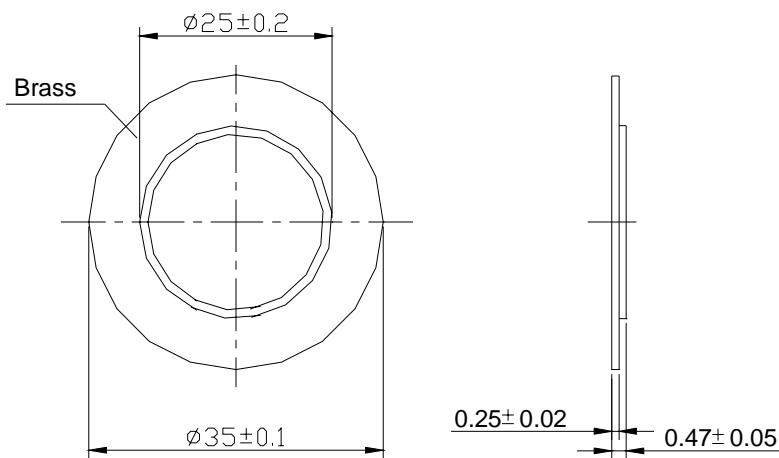
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FT-35T-2.6A1

1. Technical Terms:

| No. | Item | Specification |
|-----|-----------------------|-------------------------|
| 1. | Resonant Frequency | 2.6 ± 0.5 K Hz |
| 2. | Resonant Impedance | 200max ohm |
| 3. | Capacitance | $33 \pm 30\%$ nF |
| 4. | Input Voltage | Max. 30 Vp-p |
| 5. | Operating Temperature | $-20 \dots +70^\circ$ C |
| 6. | Storage Temperature | $-30 \dots +80^\circ$ C |
| 7. | Metal Material | Brass |

2. Drawing



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Page:1 of 2

FT-35T-2.6A1

CHEC.

DATE

3rd angle
projection

Piezo Element

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DRG NO

BS/TEY01.077A

FT-35T-2.6A1

3.Characteristics:

3.1 Solderability

300± 10° C Tempereure of Merited Solder,2± 0.5sec Duration of Dipping.

3.2 Lead pull off test

a) Wire to be soldered on ceramic at the edge. It should withstand minimum 1 kg force applied in 180° .The wire should not come out before this .The ceramic can be either glued on a surface of can be held in hand.(Fig.2)

b) Wire to be soldered on ceramic at the edge&should be pulled up at 90° The element should be hold on bottom and wire should be pulled up .It should withstand at least for 388g force(Fig.1)

3.3Bend Test

The element should be bend on to a pipe of 35mm diameter.The bend should be in only one direction. The length of pipeshould be at least 1.5 times the diameter of the brass.

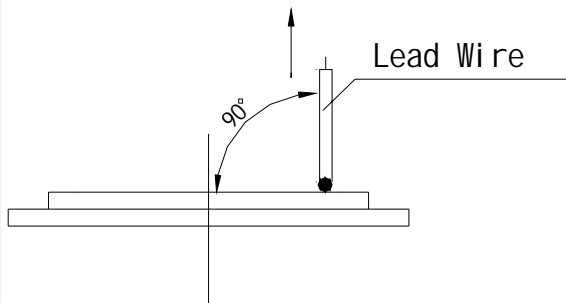


Fig.1 Direction of Lead Wire

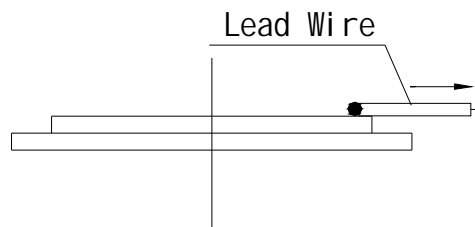


Fig.2 Direction of Lead Wire

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