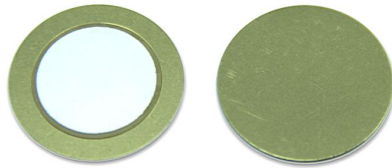


## Product Code:

FT-12T-8.0A1

## Picture:



## Specification:

|                                 |              |            |
|---------------------------------|--------------|------------|
| Resonant frequency              | (KHz)        | 8.0±1.0    |
| Resonant impedance              | ( $\Omega$ ) | ≤500       |
| Capacitance at 1KHz             | (pF)         | 15000±30%  |
| Metal plate diameter (mm) (D)   | (mm)         | φ 12.0±0.2 |
| Ceramic plate diameter (mm) (d) | (mm)         | φ 9.0±0.5  |
| sTotal thickness (mm) (T)       | (mm)         | 0.2±0.03   |
| Metal plate thickness (mm) (t)  | (mm)         | 0.12±0.02  |
| Metal material                  | Brass        |            |
| RoHS                            | Yes          |            |

Test basic state:

Temp( $20\pm 2^{\circ}\text{C}$ ) , Humidity(40~70%RH) , Air pressure(860~1060hPa).

## Environment Test:

| ITEM       | TESTING CONDITION          |                                    | RECOVERY CONDITION                 |
|------------|----------------------------|------------------------------------|------------------------------------|
| Humidity   | 40±2℃, 93(+2/-3)%RH, 96HRS |                                    | 2 hour recovery under normal temp. |
| Temp.      | -10±2℃, 30minutes          | 2 hour recovery under normal temp. |                                    |
| cycling    | room temp. 15 minutes      |                                    |                                    |
|            | +70±2℃, 30 minutes         |                                    |                                    |
|            | room temp. 15 minutes      |                                    |                                    |
|            | 5 cycles                   |                                    |                                    |
| High temp. | +70±2℃,Not less than 30min |                                    | Measurement under high temp.       |
| Low temp.  | -10±2℃,Not less than 30min |                                    | Measurement under low temp.        |

Evaluation standard :

Change requirement on electrical performance:

Resonant frequency  $\pm 20\%$  ,Free capacitance  $\pm 30\%$

## Dimensions:

