

Product Code:

iFT-35G-3.0A1



Picture:



Specification:

| | | |
|---------------------------------|-------|-----------------|
| Resonant frequency | (KHz) | 3.0±0.3 |
| Resonant impedance | (Ω) | ≤500 |
| Capacitance at 1KHz | (pF) | 45000±30% |
| Metal plate diameter (mm) (D) | (mm) | φ 35.0±0.2 |
| Ceramic plate diameter (mm) (d) | (mm) | φ 25.0±0.5 |
| Total thickness (mm) (T) | (mm) | 0.525±0.06 |
| Metal plate thickness (mm) (t) | (mm) | 0.3±0.04 |
| Metal material | | Stainless steel |
| RoHS | | Yes |

Test basic state:

Temp(20±2°C) , Humidity(40~70%RH) , Air pressure(860~1060hPa).

Environment Test:

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

Evaluation standard :

Change requirement on electrical performance:

Resonant frequency ±20%, Free capacitance ±30%

Dimensions:

