

Product Code:

FT-10H-15.0A1


Picture:

Specification:

Resonant frequency	(KHz)	15.0±3.0
Resonant impedance	(Ω)	≤ 500
Capacitance at 1KHz	(pF)	6000±30%
Metal plate diameter (mm) (D)	(mm)	$\phi 10.0 \pm 0.2$
Ceramic plate diameter (mm) (d)	(mm)	$\phi 8.25 \pm 0.3$
sTotal thickness (mm) (T)	(mm)	0.23±0.03
Metal plate thickness (mm) (t)	(mm)	0.1±0.02
Metal material		Ni
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	$40 \pm 2^\circ\text{C}$, 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.	$+70 \pm 2^\circ\text{C}$, Not less than 30min	Measurement under high temp.
Low temp.	$-10 \pm 2^\circ\text{C}$, Not less than 30min	Measurement under low temp.

Evaluation standard :

Change requirement on electrical performance:

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