



CRYSTAL FILTER FOR MINIATURE SIZE RADIO EQUIPMENT/ IF

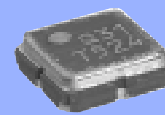
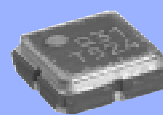
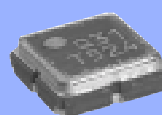
HF-372A

- Number of poles : 2 pole
- Available frequency range : 40 MHz to 250 MHz
- Old name : TF2-45BB1

HF-373A

- Number of poles : 3 pole
- Available frequency range : 60 MHz to 250 MHz
- Old name : TF3-A9AB1

- High frequency and outstanding mechanical strength with original inverted-mesa structure.
- High frequency 3 pole filters with original process technology.
- Applications : Various kinds of miniature size radio equipment



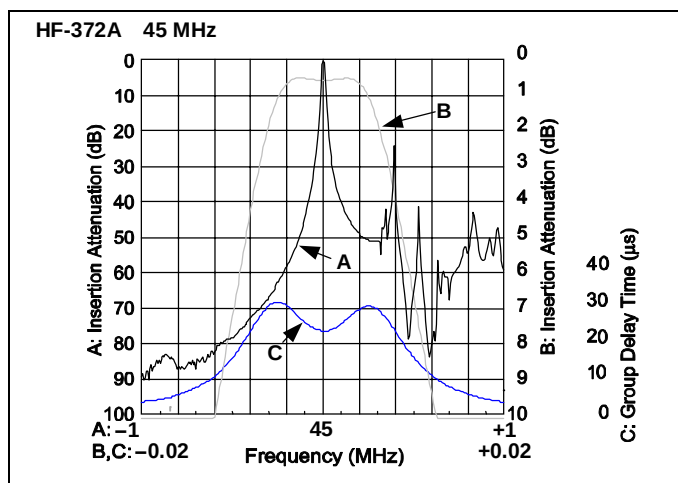
Actual size



Specifications (characteristics)

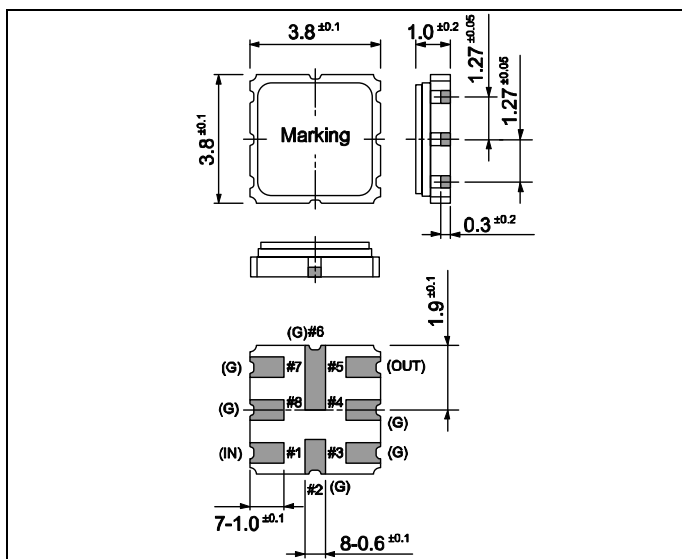
Item	Symbol	HF-372A		HF-373A	Remarks
Standard frequency	f_0	45 MHz	61.44 MHz	73.35 MHz	Other frequency and passband are available upon request.
Storage temperature range	T_{stg}	-40 °C to +85 °C	-40 °C to +85 °C	-40 °C to +85 °C	
Operating temperature range	T_{use}	-30 °C to +85 °C	-30 °C to +85 °C	-30 °C to +85 °C	
Number of poles	—	2	2	3	
Passband	BW	$f_0 \pm 7.5$ kHz Min.	$f_0 \pm 6$ kHz Min.	$f_0 \pm 6$ kHz Min.	
Insertion loss	IL	3 dB Max.	3 dB Max.	4.5 dB Max.	
Ripple	Ri	1 dB Max.	1 dB Max.	1 dB Max.	
Stop band attenuation	—	$f_0 \pm 25$ kHz: 15 dB Min.	$f_0 \pm 60$ kHz: 30 dB Min.	$f_0 \pm 25$ kHz: 20 dB Min.	
Attenuation	ATT	f_0 -800 kHz to -1000 kHz: 70 dB Min.	—	f_0 -900 kHz: 70 dB Min.	
Terminating impedance	Z	650 Ω // 1.5 pF	650 Ω // 1.5 pF	400 Ω // -1.0 pF	
Package	—	TS-38	TS-38	TS-38	

Electrical DATA



External dimensions

(Unit:mm)



Footprint (Recommended)

(Unit:mm)

