

MF1102-1

FOR IF FILTER OF PHS HAND HELD

MF1102-1

DESCRIPTION

This SAW filter for the IF filter circuit of PHS hand held

FEATURES

- 1. SMD package insures small size, lightweight.
 - 2. Adjustment free.
 - 3. Low insertion loss and high stop band attenuation.
 - 4. Wide and sharp passband characteristics.
 - 5. High stability and reliability.
 - 6. Designed for reflow solderings.
- PHS Handheld

APPLICATION

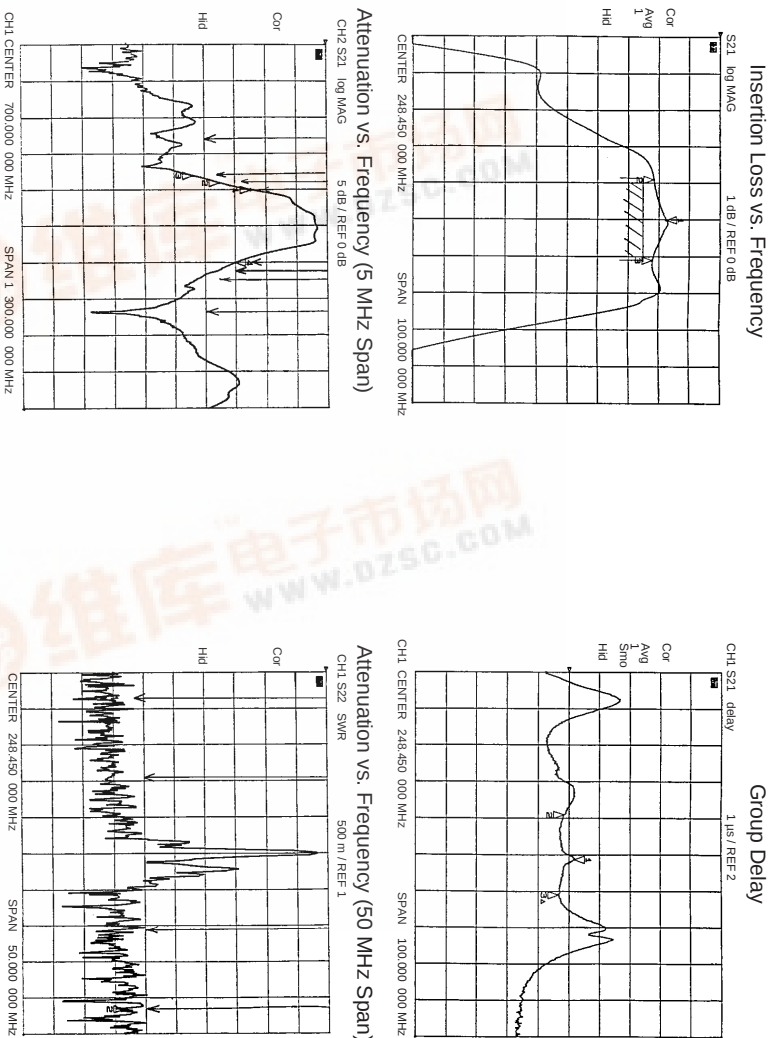
ELECTRICAL PERFORMANCE

PRELIMINARY					
Item	Frequency range	Min.	Typ.	Max.	Units
Center Frequency (fo)	248.45 MHz	---	---	---	---
Bandwidth (fo-3 dB)	---	±110	±150	---	KHz
Insertion Loss at fo	248.45 MHz	---	4.0	5.0	dB
Pass Band Ripple	fo ± 110 KHz	---	1.0	1.5	dBp-p
Group Delay Ripple	fo ± 110 KHz	---	0.4	1.0	µsec p-p
Stop band Attenuation (relative to 0 dB)	fo -21.6 MHz	62.0	67.0	---	dB
	fo -10.8 MHz	60.0	65.0	---	
	fo - 1.2 MHz	40.0	50.0	---	
	fo - 0.7 MHz	35.0	40.0	---	
	fo - 0.6 MHz	28.0	35.0	---	
	fo - 0.5 MHz	22.0	28.0	---	
	fo + 0.5 MHz	25.0	30.0	---	
	fo + 0.6 MHz	30.0	36.0	---	
	fo + 0.7 MHz	35.0	42.0	---	
	fo + 1.2 MHz	40.0	50.0	---	
Terminal Impedance	fo +10.8 MHz	60.0	70.0	---	
	fo +21.6 MHz	60.0	65.0	---	
Package Size	290 Ω // 6.0 pF 7.0 × 5.0 × 1.8 mm				

Operating temperature range: -10 ~ +60°C

[查询MF1102-1供应商](#)

MF1102-1 TYPICAL CHARACTERISTICS



PACKAGE OUTLINE DIMENSIONS

