

## DESCRIPTION

This SAW filter for the receiving RF circuit of pager equipment operating at 276 MHz ~ 284 MHz.

## 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.

## APPLICATION

- Pager

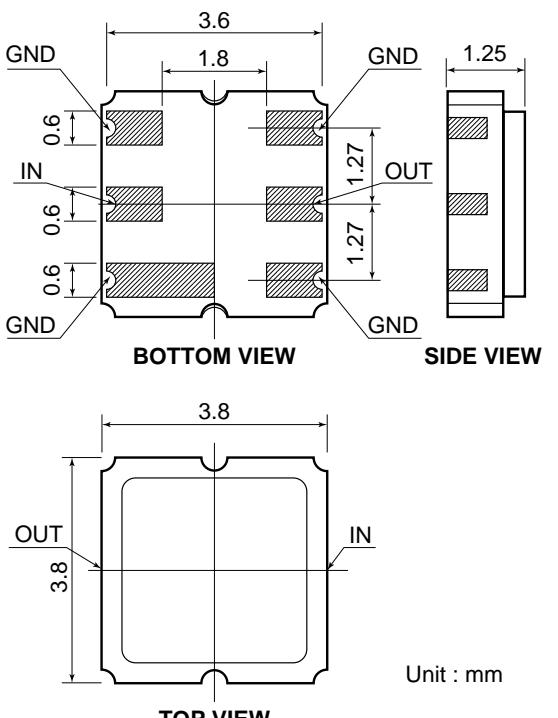
## MAXIMUM RATINGS

Rating	Value	Unit
Input Power	50	mW
Operating Temperature Range	-20 to 75	°C
Storage Temperature Range	-30 to 85	°C

## ELECTRICAL PERFORMANCE

Parameter	MF1073S-1			Units
	Min	Typ	Max	
PASSBAND FREQUENCY	276	–	284	MHz
PASSBAND CHARACTERISTICS				
Insertion Loss (@280 MHz)	1.4	3.5		dB
Insertion Loss (276 – 284 MHz)	2.7	3.5		dB
Ripple (276 – 284 MHz)	1.2	2.0		dBp-p
VSWR (276 – 284 MHz)	2.5			
STOPBAND ATTENUATION				
180.0 – 220.0 MHz	50	53		dB
220.0 – 239.7 MHz	35	39		dB
320.3 – 380.0 MHz	50	54		dB

## PACKAGE OUTLINE DIMENSIONS



DIMENSIONS ARE IN MILLIMETERS  
 $\pm 0.2$  UNLESS OTHERWISE SPECIFIED

## MF1073S-1 TYPICAL CHARACTERISTICS

