

MF1069S-1

FOR DIGITAL MOBILE TELEPHONE, Lo

MF1069S-1

DESCRIPTION

This SAW filter for the local frequency RF circuit of digital mobile communication equipment operating at 1607 MHz ~ 1631 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

- Digital mobile cellular telephone
- Portable digital cellular telephone
- Wireless equipment

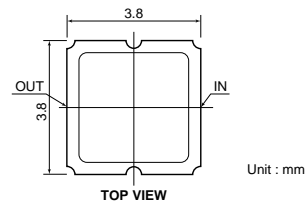
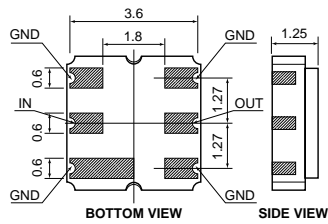
MAXIMUM RATINGS

Rating	Value	Unit
Input Power	40	mW
Operating Temperature Range	-20 to 75	°C
Storage Temperature Range	-30 to 85	°C

ELECTRICAL PERFORMANCE

Parameter	MF1069S-1			Units
	Min	Typ	Max	
PASSBAND FREQUENCY	1607 ~ 1631			MHz
PASSBAND CHARACTERISTICS	Insertion Loss	2.5	3.5	dB
	Ripple	0.5	1.5	dBp-p
	VSWR	1.7	2.5	
STOPBAND ATTENUATION	0 ~ 1200 MHz	40	45	dB
	1200 ~ 1501 MHz	25	30	dB
	1700 ~ 2100 MHz	30	35	dB
	2100 ~ 3000 MHz	25	28	dB

PACKAGE OUTLINE DIMENSIONS



DIMENSIONS ARE IN MILLIMETERS
±0.2 UNLESS OTHERWISE SPECIFIED

MF1069S-1 TYPICAL CHARACTERISTICS

