

MF1081V-2

FOR PCS MOBILE TELEPHONE, Rx

MF1081V-2

DESCRIPTION

This SAW filter for the receiving RF circuit of PCS mobile communication equipment operating at 1930 MHz ~ 1990 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

- Mobile cellular telephone
- Portable digital cellular telephone
- Wireless equipment

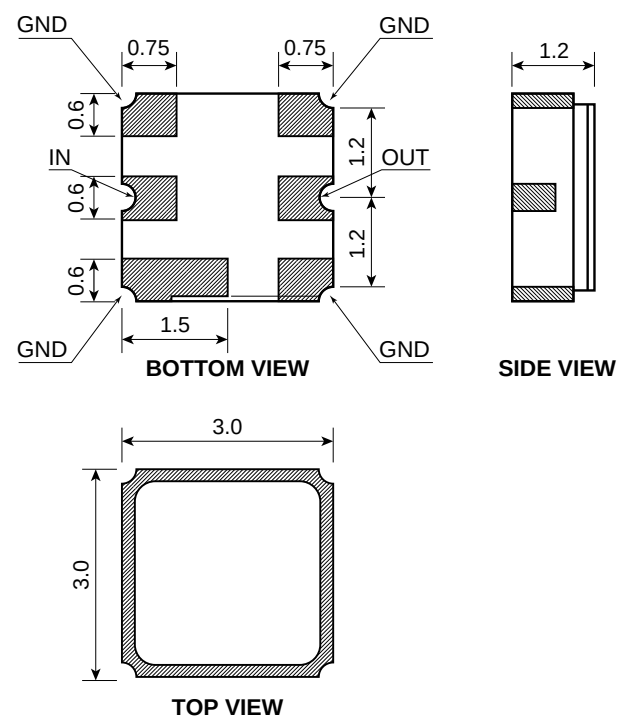
MAXIMUM RATINGS

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

ELECTRICAL PERFORMANCE

Parameter	MF1081V-2 Min Typ Max	Units
PASSBAND FREQUENCY	1930 – 1990	MHz
PASSBAND CHARACTERISTICS		
Insertion Loss	4.0 5.0	dB
Ripple	2.1 3.0	dB
VSWR	1.9 2.5	
STOPBAND ATTENUATION		
0 – 1500 MHz	22 27	dB
1500 – 1895 MHz	25 30	dB
1895 – 1910 MHz	10 14	dB
2010 – 2070 MHz	6 9	dB
2070 – 3000 MHz	28 35	dB

PACKAGE OUTLINE DIMENSIONS



DIMENSIONS ARE IN MILLIMETERS
±0.2 UNLESS OTHERWISE SPECIFIED

MF1081V-2 TYPICAL CHARACTERISTICS

