

# MF1157V-2

FOR E-GSM MOBILE TELEPHONE, Tx

MF1157V-2

## DESCRIPTION

This SAW filter for the transmitting RF circuit of E-GSM mobile communication equipment operating at 880 MHz ~ 915 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

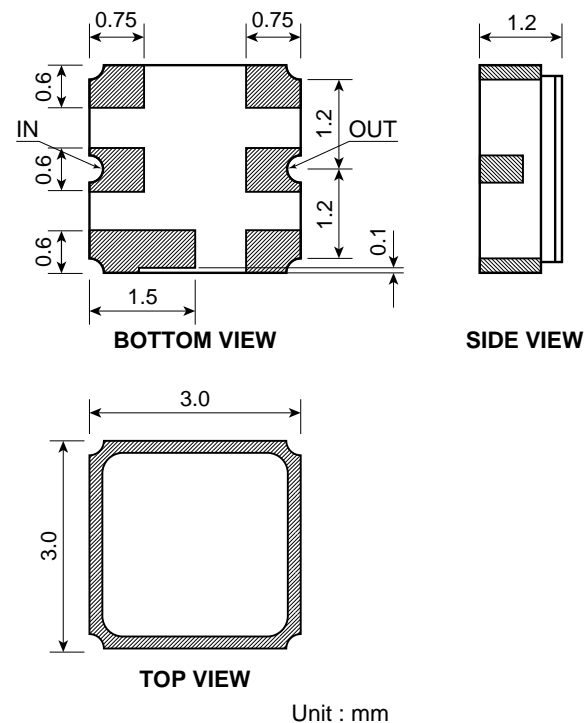
## MAXIMUM RATINGS

Rating	Value	Unit
Input Power	50	mW
Operating Temperature Range	-20 to 70	°C
Storage Temperature Range	-30 to 85	°C

## ELECTRICAL PERFORMANCE

Parameter	MF1157V-2			Units	
	Min	Typ	Max		
PASSBAND FREQUENCY	880 – 915			MHz	
PASSBAND CHARACTERISTICS	Insertion Loss			4.0	dB
	Ripple			2.5	dB
	VSWR			3.0	
STOPBAND ATTENUATION	0 – 860 MHz			20	dB
	935 – 960 MHz			20	dB
	1780 – 1830 MHz			20	dB
	2670 – 2745 MHz			10	dB

## PACKAGE OUTLINE DIMENSIONS



DIMENSIONS ARE IN MILLIMETERS  
±0.2 UNLESS OTHERWISE SPECIFIED

## MF1157V-2 TYPICAL CHARACTERISTICS

