

# MF1037S-1

FOR PERSONAL HANDYPHONE SYSTEM

MF1037S-1

## DESCRIPTION

This SAW filter for the RF circuit of personal handyphone system.

## 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.

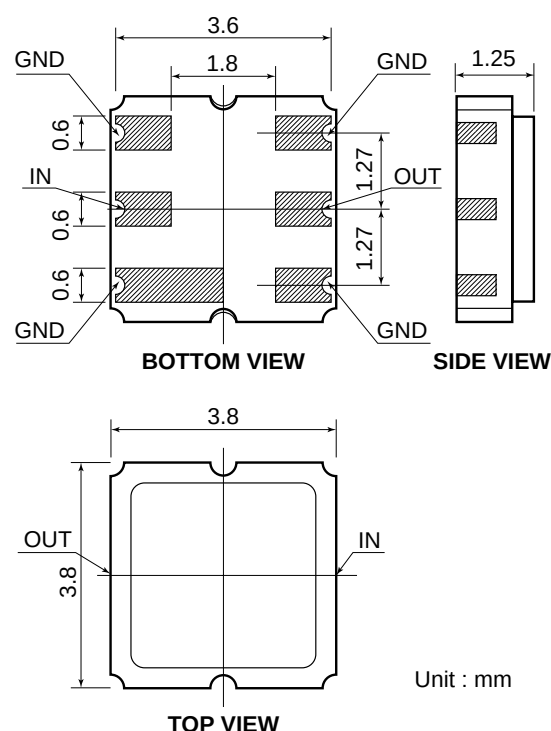
## APPLICATION

- Portable telephone
- Wireless equipment

## ELECTRICAL PERFORMANCE

| Parameter                | MF1037S-1       |     |     | Units |
|--------------------------|-----------------|-----|-----|-------|
|                          | Min             | Typ | Max |       |
| PASSBAND FREQUENCY       | 1895 – 1918     |     |     | MHz   |
| PASSBAND CHARACTERISTICS | Insertion Loss  | 2.3 | 3.0 | dB    |
|                          | Ripple          | 0.3 | 1.5 | dBp-p |
|                          | VSWR            | 1.7 | 2.5 |       |
| STOPBAND ATTENUATION     | 1395 – 1418 MHz | 30  | 42  | dB    |
|                          | 1645 – 1668 MHz | 30  | 42  | dB    |

## PACKAGE OUTLINE DIMENSIONS



DIMENSIONS ARE IN MILLIMETERS  
±0.2 UNLESS OTHERWISE SPECIFIED

## MF1037S-1 TYPICAL CHARACTERISTICS

