

## VMFBP-D1573.42M/1577.42M-SMT

### FEATURES

- ◆ Pass band: 1573.42~1577.42 MHz
- ◆ Low Insertion Loss, High Rejection
- ◆ High Reliability

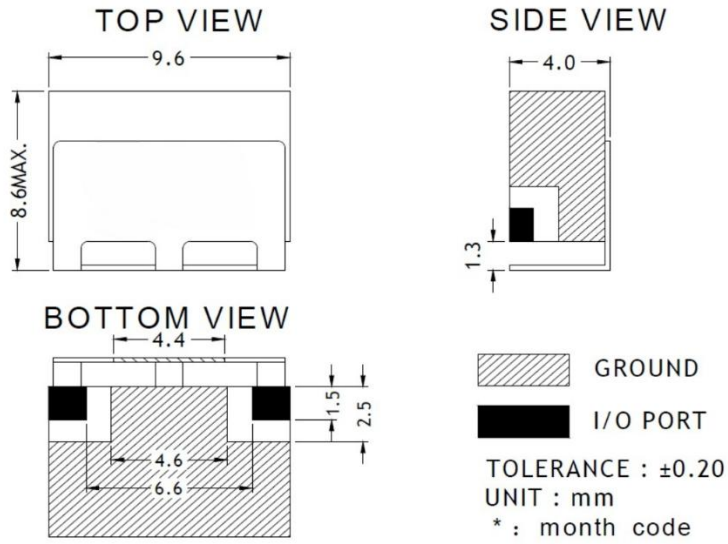
### TYPICAL APPLICATIONS

- ◆ GPS

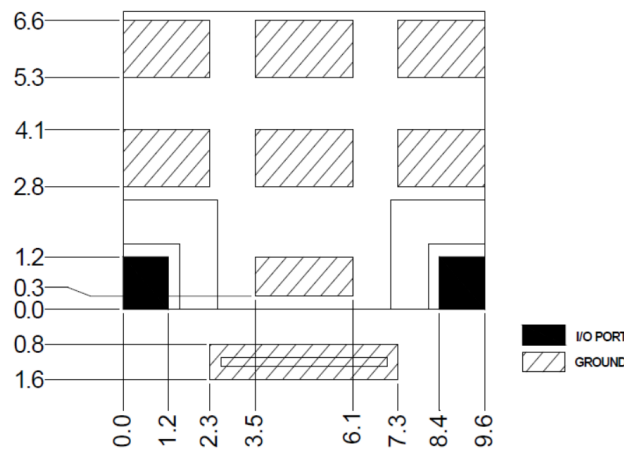
### ELECTRICAL SPECIFICATIONS

ITEM	SPEC	UNIT
Center Frequency [fo]	1575.42	MHz
Bandwidth [BW]	$f_o \pm 2.0$ [1573.42~1577.42]	MHz
Insertion Loss in BW	1.3 max.	dB
Ripple in BW	1.0 max.	dB
VSWR in BW	1.5:1 max.	Ratio
Attenuation [Relative Value]	43.0 min. @ 1328.2 MHz 40.0 min. @ 1393.9 MHz 30.0 min. @ 1442.8 MHz 25.0 min. @ 1462.5 MHz 20.0 min. @ 1479.1 MHz 15.0 min. @ 1493.4 MHz 10.0 min. @ 1506.0 MHz 10.0 min. @ 1634.4 MHz 15.0 min. @ 1649.5 MHz 20.0 min. @ 1667.7 MHz 25.0 min. @ 1689.7 MHz 30.0 min. @ 1716.6 MHz 40.0 min. @ 1788.0 MHz	dBc
Group Delay	$9.0 \pm 1.0$	ns
Group Delay Variation	2.0 max.	ns
Input Power	1.0 max.	W
In/Out Impedance	50	ohm
Operation Temperature Range	-55 to +85	°C

**DIMENSIONS**



**RECOMMEND FOOTPRINT**



**RECOMMEND SOLDERING CONDITIONS**

