

MF1196V-1.0

FOR AMPS MOBILE TELEPHONE, Rx

MF1196V-1.0

DESCRIPTION

This SAW filter for the receiving RF circuit of AMPS mobile communication equipment operating at 869 MHz ~ 894 MHz.

FEATURES

1. SMD package insures small size, lightweight.
2. Adjustment free.
3. Low insertion loss.
4. Wide and sharp passband characteristics.
5. High stability and reliability.
6. Designed for reflow solderings

APPLICATION

- Mobile Cellular Telephone
- Portable Cellular Telephone
- Wireless equipment

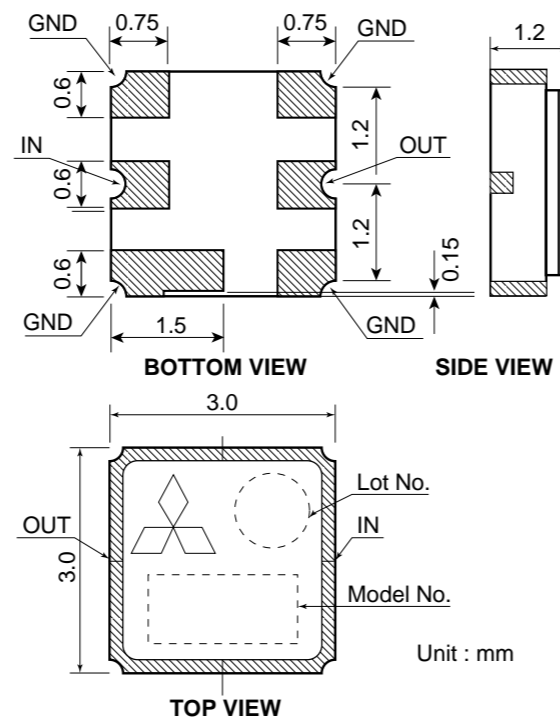
MAXIMUM RATINGS

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

ELECTRICAL PERFORMANCE

Item	Frequency (MHz)	Min. Typ. Max.			Unit
		Min.	Typ.	Max.	
Insertion Loss	869 - 894	-	2.3	3.2	dB
Passband Ripple	869 - 894	-	0.5	1.5	dBp-p
VSWR (Input/Output)	869 - 894	-	1.8	2.5	-
Stopband Attenuation (Relative to Odb)	0 - 849	35	45	-	dB
	914 - 939	20	26	-	
	947 - 1049	30	38	-	
	1049 - 2000	33	40	-	

PACKAGE OUTLINE DIMENSIONS



DIMENSIONS ARE IN MILLIMETERS
±0.2 UNLESS OTHERWISE SPECIFIED

MF1196V-1.0 TYPICAL CHARACTERISTICS

