

# MF1049-2

FOR WIRELESS LOCAL LOOP, Tx

MF1049-2

## DESCRIPTION

This SAW filter for the transmitting RF circuit of wireless local loop communication equipment operating at 440 MHz ~ 450 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

- Cordless telephone
- Portable cellular telephone
- Wireless equipment

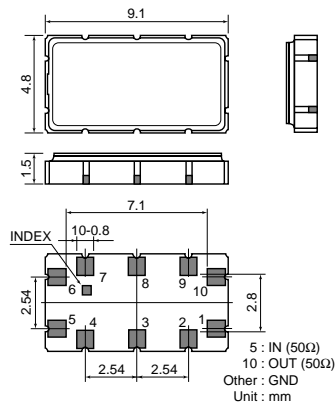
## MAXIMUM RATINGS

Rating	Value	Unit
Input Power	50	mW
Operating Temperature Range	-20 to 75	°C
Storage Temperature Range	-30 to 85	°C

## ELECTRICAL PERFORMANCE

Parameter	MF1049-2			Units
	Min	Typ	Max	
PASSBAND FREQUENCY	440 ~ 450			MHz
PASSBAND CHARACTERISTICS	Insertion Loss	2.4	3.5	dB
	Ripple	0.4	1.5	dBp-p
	VSWR	1.6	2.5	
STOPBAND ATTENUATION	0 ~ 400 MHz	40	48	dB
	485 ~ 640 MHz	35	45	dB
	640 ~ 900 MHz	30	40	dB
	900 ~ 1350 MHz	20	30	dB

## PACKAGE OUTLINE DIMENSIONS



DIMENSIONS ARE IN MILLIMETERS  
±0.2 UNLESS OTHERWISE SPECIFIED

## MF1049-2 TYPICAL CHARACTERISTICS

