MF1055-2

FOR WLL, Rx

DESCRIPTION

This SAW filter for the receiving RF circuit of wireless local loop communication equipment operating at 485 MHz ~ 495 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

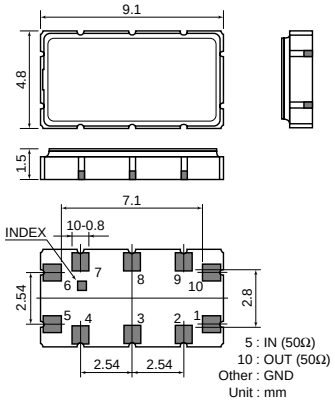
MAXIMUM RATINGS

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

ELECTRICAL PERFORMANCE

Parameter	MF1055-2 Min	Typ	Max	Units
PASSBAND FREQUENCY		485 – 495		MHz
PASSBAND CHARACTERISTICS				
Insertion Loss		2.7	4.0	dB
Ripple		0.5	2.0	dBp-p
VSWR		1.6	3.0	
STOPBAND ATTENUATION				
440 – 450 MHz	50	56		dB

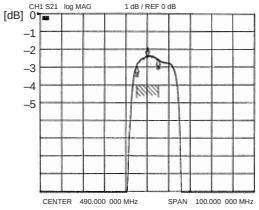
PACKAGE OUTLINE DIMENSIONS



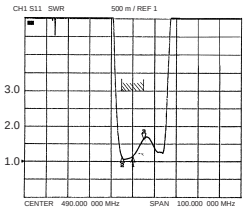
DIMENSIONS ARE IN MILLIMETERS
±0.2 UNLESS OTHERWISE SPECIFIED

MF1055-2 TYPICAL CHARACTERISTICS

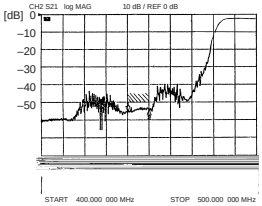
Insertion Loss vs. Frequency



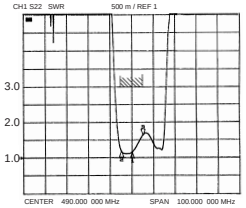
Input VSWR vs. Frequency



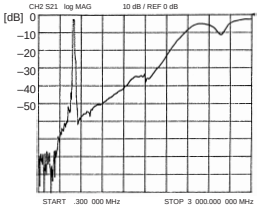
Attenuation vs. Frequency



Output VSWR vs. Frequency



Attenuation vs. Frequency



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