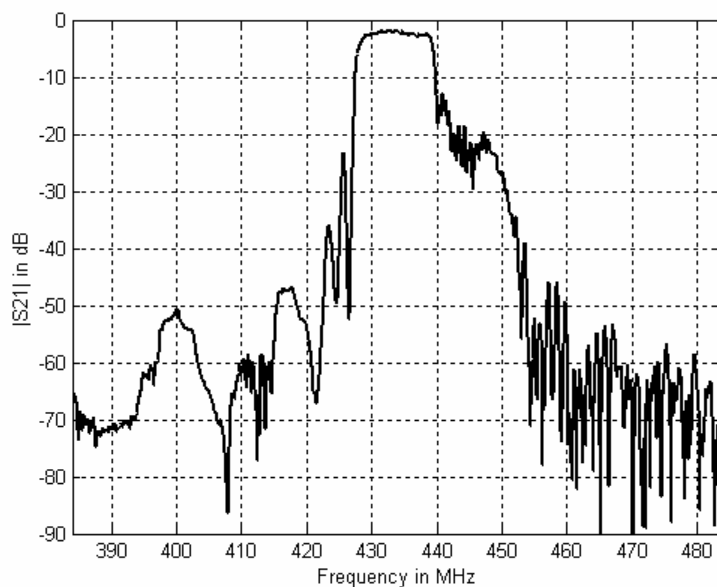


DESCRIPTION

Miniature 434 MHz surface acoustic wave (SAW) bandpass filter designed to be used as the RF filter in low power ISM transceiver, receiver, and transmitter applications.

TYPICAL PERFORMANCE



MAXIMUM RATINGS

Parameter	Min	Max	Units
Operating Temperature Range	-20	+70	°C
Storage Temperature Range	-40	+85	°C
Input Power Level		0	dBm
Max. D. C. Voltage between Each Terminal		10	V

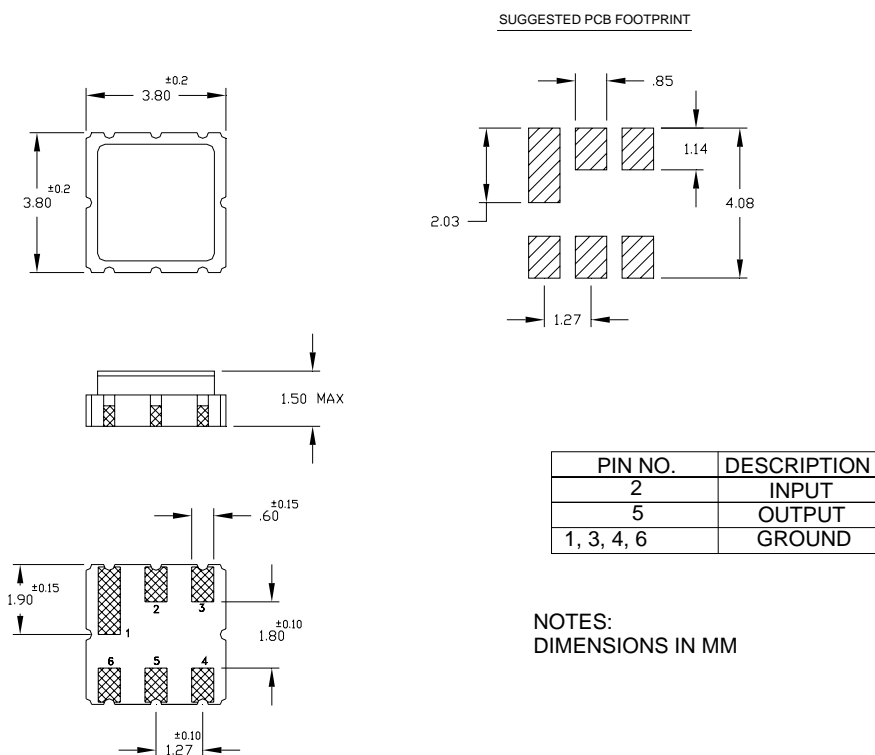
SPECIFICATION

Parameter	Min	Typ	Max	Units
Center Frequency, F_c		434.0		MHz
Passband	4			MHz
Insertion Loss ¹		2.5	3.5	dB
Amplitude Ripple ¹			1.5	dB
Stopband Rejection, 334 – 393.2 MHz	50	55		dB
Stopband Rejection, 474 – 534 MHz	50	55		dB
Terminating Impedance		50		Ω

Note: 1. Over passband, $F_o \pm 2$ MHz

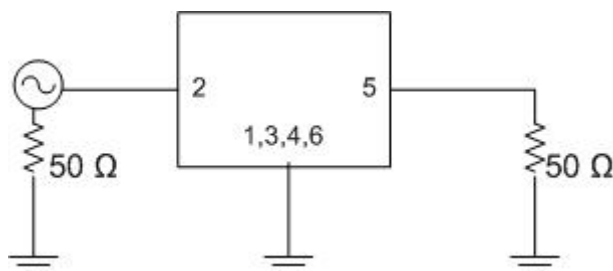
PACKAGE OUTLINE AND SUGGESTED PAD LAYOUT

3.8 X 3.8 MM, SMP



TEST CIRCUIT

50 ohm single-ended
No matching circuit required



All specifications are believed to be accurate and reliable. However, ICS reserves the right to make changes without notice.
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