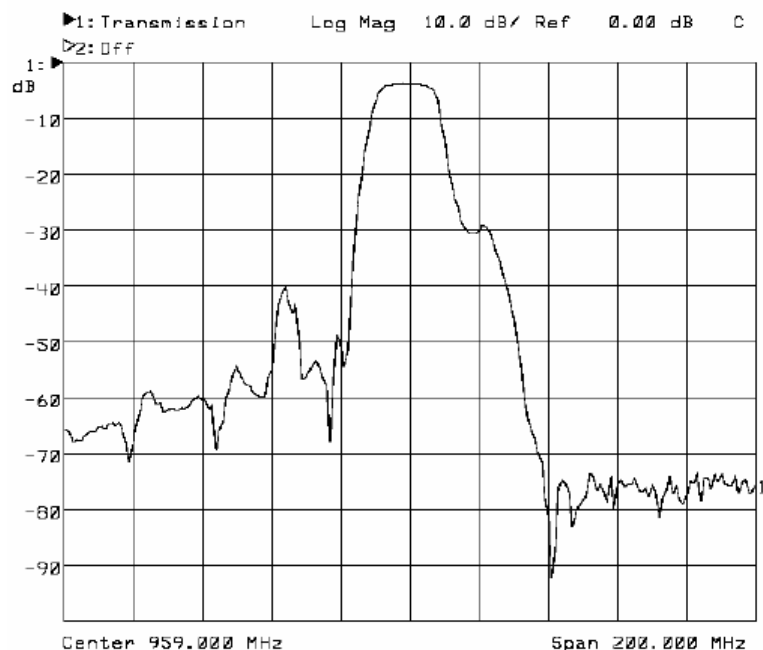




DESCRIPTION

Miniature 959 MHz surface acoustic wave (SAW) bandpass filter for cordless telephone equipment

TYPICAL PERFORMANCE



MAXIMUM RATINGS

Parameter	Min	Max	Units
Operating Temperature Range	-10	+60	°C
Storage Temperature Range	-25	+70	°C
Input Power Level		0	dBm
Max. D. C. Voltage between Each Terminal		10	V

SPECIFICATION

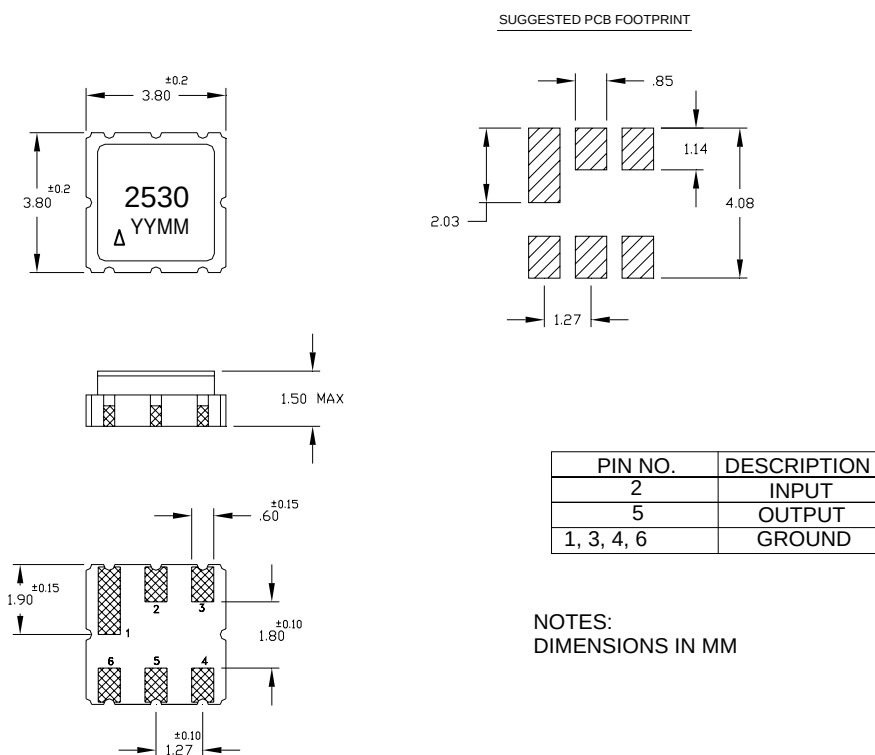
Parameter	Min	Typ	Max	Units
Center Frequency, F_c		959.0		MHz
Passband	2			MHz
Insertion Loss ¹		2.8	3.5	dB
Amplitude Ripple ¹		0.5	1.5	dB
Stopband Rejection, 913 to 918 MHz	40			dB
Stopband Rejection, 936 to 939 MHz	30			dB
Stopband Rejection, 979 to 982 MHz	20			dB
Stopband Rejection, 1000 to 1004 MHz	40			dB
Terminating Impedance	50 + j60.3			Ω

Note: 1. Within passband, $F_o \pm 1$ MHz

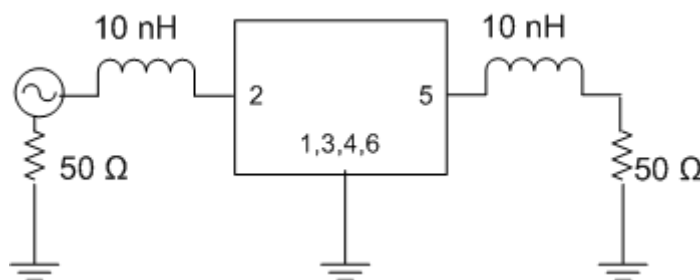


PACKAGE OUTLINE AND SUGGESTED PAD LAYOUT

3.8 X 3.8 MM, SMP



TEST CIRCUIT



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