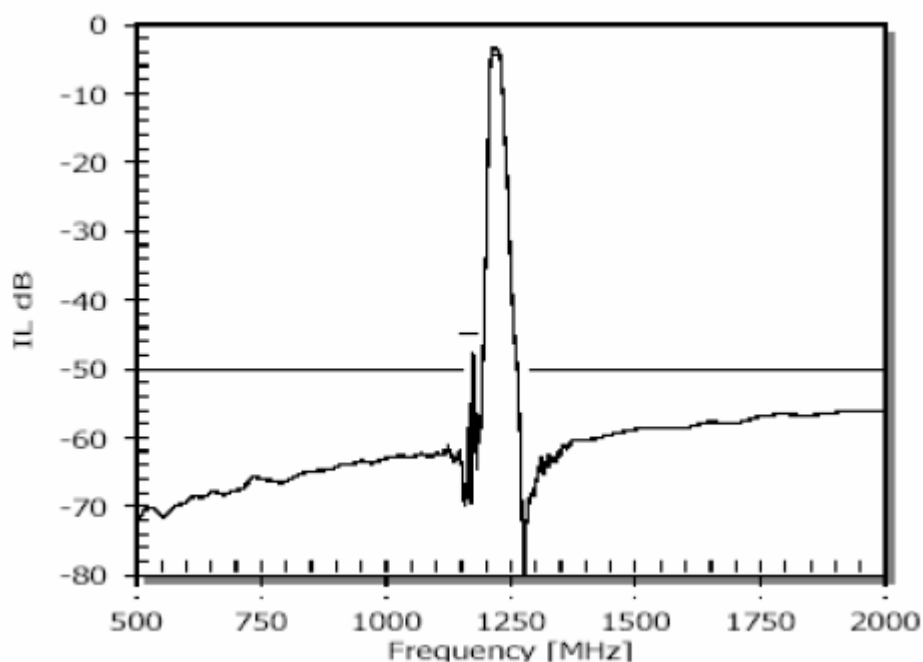
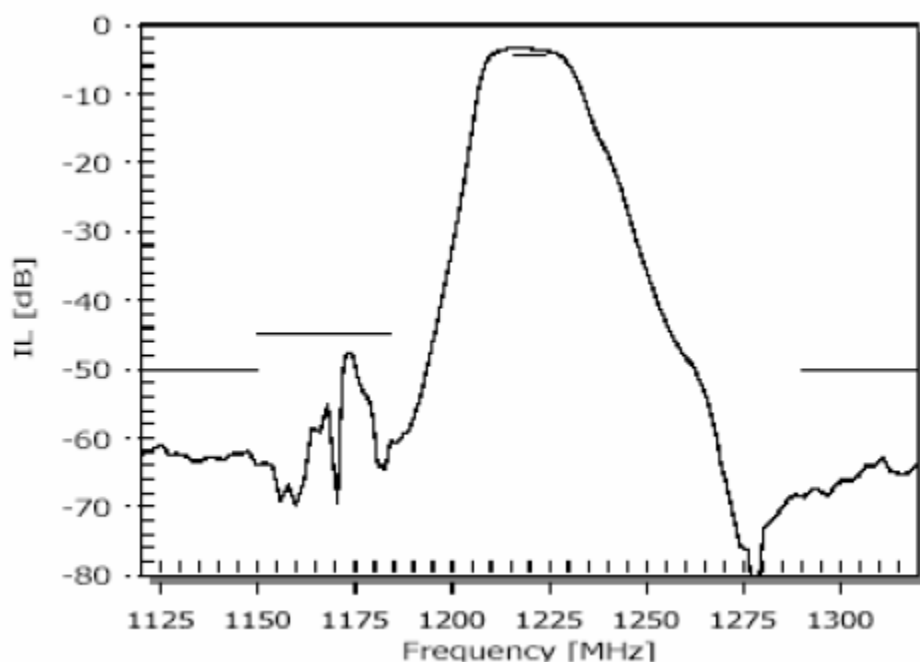




DESCRIPTION

Miniature 1220 MHz SAW Filter in a 3.8 x 3.8 mm surface mount package which can be used as the IF filter in cable modem application.

TYPICAL PERFORMANCE





MAXIMUM RATINGS

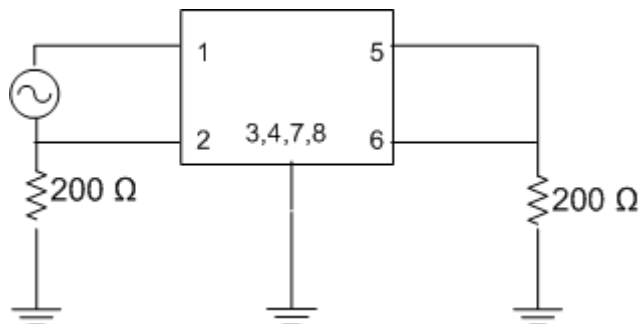
Parameter	Min	Max	Units
Operating Temperature Range	-85	+85	°C
Storage Temperature Range	-40	+100	°C
Max. D. C. Voltage between Each Terminal		5	V

SPECIFICATION

Parameter	Min	Typ	Max	Units
Center Frequency F_c		1220		MHz
Bandwidth (3dB)		8		MHz
Insertion Loss			4.9	dB
Passband Amplitude Ripple			1.4	dB
Stopband Rejection, 0 to 1150 MHz	50			dB
Stopband Rejection, 1150 to 1184 MHz	45			dB
Stopband Rejection, 1290 to 2000 MHz	50			dB
Input VSWR			2.0	--
Output VSWR			2.0	--
Source/Load Impedance	200/200			Ω

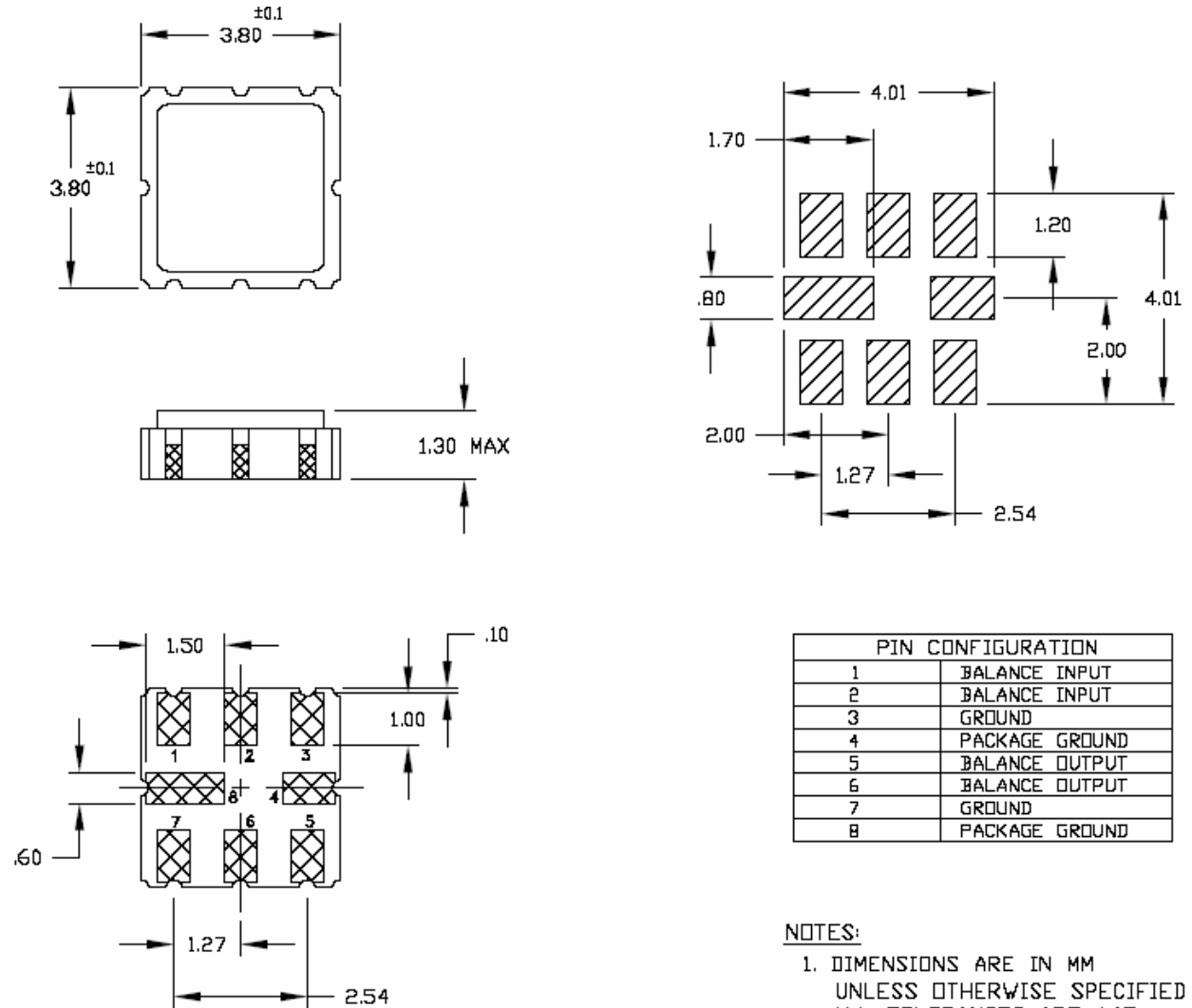
TEST CIRCUIT

200 Ohm balanced
No matching circuit required





PACKAGE OUTLINE AND SUGGESTED PCB FOOTPRINT



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