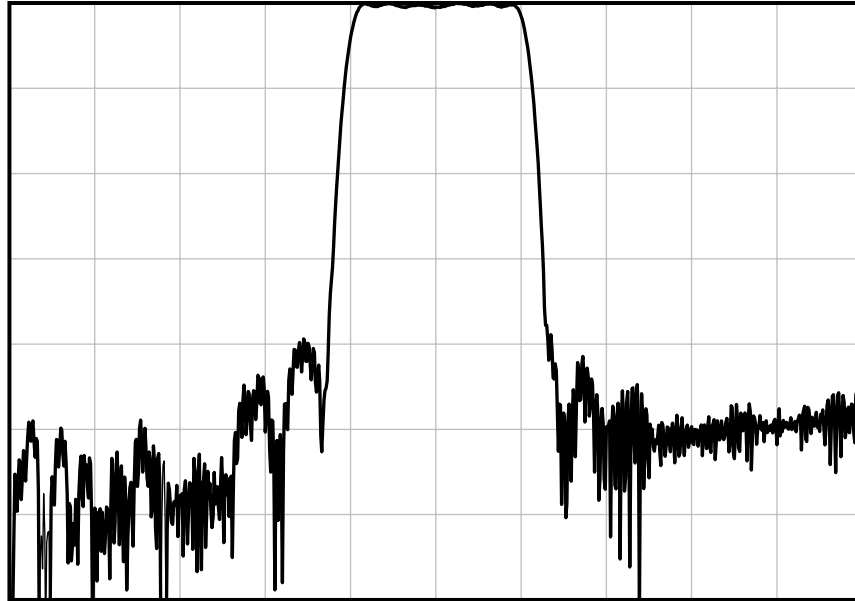


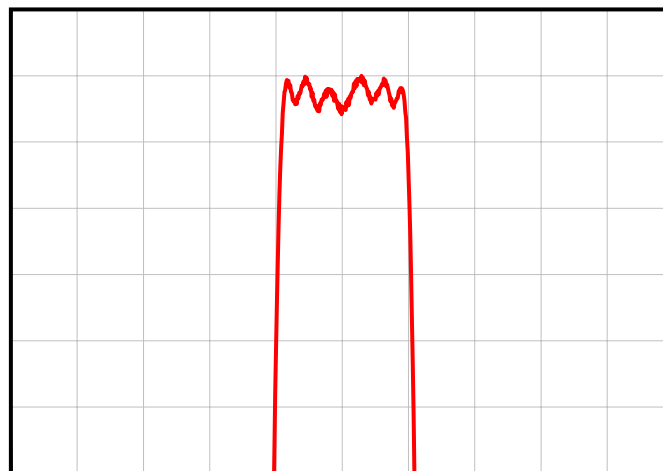
DESCRIPTION

- 600 MHz SAW band pass filter with 80 MHz bandwidth.
- 5mm x 5mm LCC package.
- RoHS compliant.

TYPICAL PERFORMANCE



Horizontal: Frequency 45 MHz / div
Vertical: Magnitude 10 dB/div



Horizontal: Frequency 45 MHz / div
Vertical: Magnitude 1 dB/div

SPECIFICATION

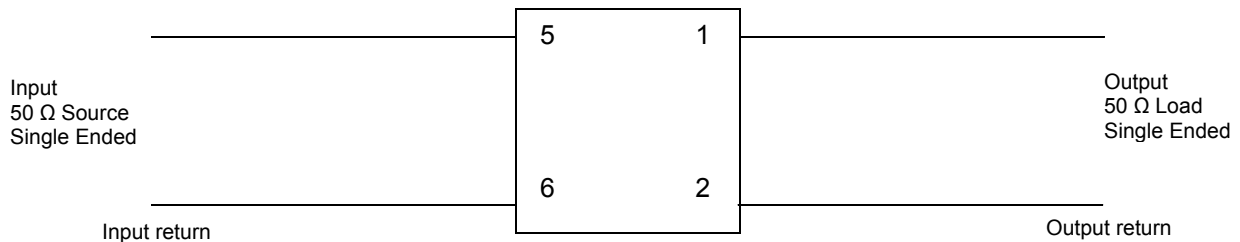
Parameter	Min	Typ	Max	Units
Center Frequency (Fc) ¹	-	600	-	MHz
Insertion Loss @ Fc	-	22	25	dB
Pass Band Variation	-	0.5	1	dB p-p
1 dB Bandwidth ²	80	85	-	MHz
40 dB Bandwidth ²	-	115	120	MHz
Absolute Delay	-	0.3	-	μs
Rejection (20 to 500MHz)	40	46	-	dB
Rejection (500 to 540MHz)	37	40	-	dB
Rejection (660 to 700MHz)	37	39	-	dB
Rejection (700 to 1060MHz)	40	43	-	dB
Specified Temperature Range	25		85	°C
System Source and Load Impedance	50			Ω

Notes: 1. Defined as the average of the lower and upper 3 dB frequencies.
2. All dB levels are defined relative to the insertion loss.

MAXIMUM RATINGS

Parameter	Min	Max	Units
Storage Temperature Range	-20	85	°C
Operating Temperature Range	25	85	°C
Input Power Level	-	+10	dBm

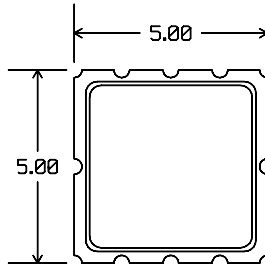
MATCHING CIRCUIT



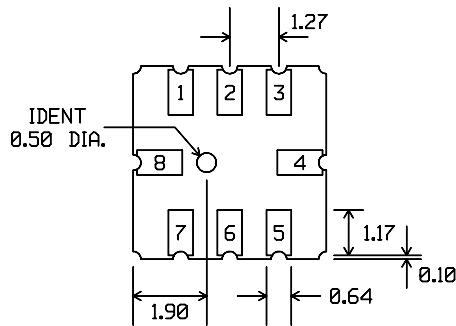
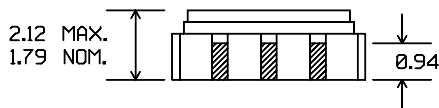
Notes:

1. Matching components are not required.
2. All other pins are GND.

PACKAGE OUTLINE



Pad Configuration:	
5	Input
1	Output
2, 6	Input / Output Return
3, 4, 7, 8	Ground



ISO 9001
Registered

All specifications are believed to be accurate and reliable. However, Spectrum Microwave reserves the right to make changes without notice.
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Spectrum Microwave
400 Nickerson Road, Marlborough, MA 01752, USA • Phone 1-508-251-6400 • Fax 1-508-251-6401
www.SpectrumMicrowave.com