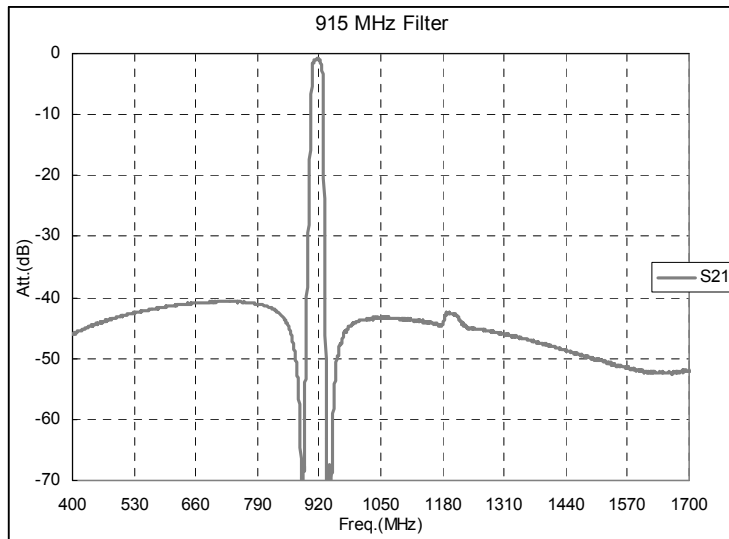
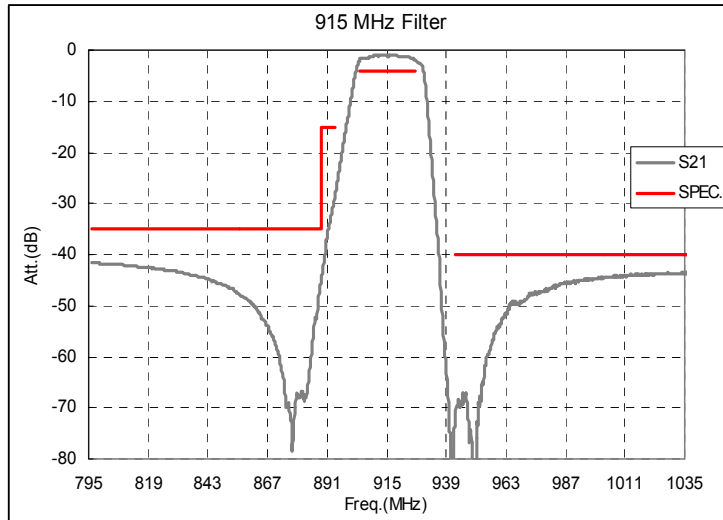


DESCRIPTION

- 915.3 MHz SAW bandpass filter with 21.8 MHz bandwidth.
- 3.8 x 3.8 mm LCC package.
- RoHS compliant.

TYPICAL PERFORMANCE



SPECIFICATION

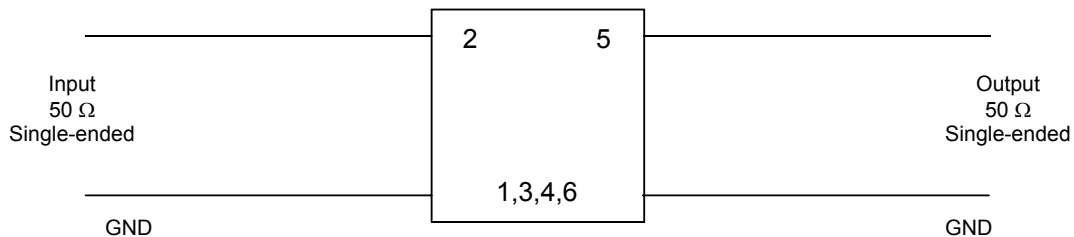
Parameter	Min	Typ	Max	Units
Center Frequency, F_c ¹	-	915.3	-	MHz
Insertion Loss at F_c	-	2.8	3.5	dB
Lower 3 dB Band Edge ²	-	-	904.4	MHz
Upper 3 dB Band Edge ²	926.2	-	-	MHz
Group Delay Variation (904.4 to 926.2 MHz)	-	40	80	ns
Amplitude Variation (904.4 to 926.2 MHz)	-	1.8	3	dB p-p
Attenuation at 894 MHz	20	25		
Attenuation (200 to 888.3 MHz) ²	35	-	-	dB
Attenuation (888.3 to 894 MHz) ²	15	-	-	dB
Rejection (942.3 to 1400 MHz) ²	40	-	-	dB
Input/Output Return Loss At F_c	-	13	-	dB
Temperature Coefficient of Frequency	-	-36	-	ppm/°C
Source/Load Impedance	50			ohms
Ambient Temperature	-	25	-	°C

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

MAXIMUM RATINGS

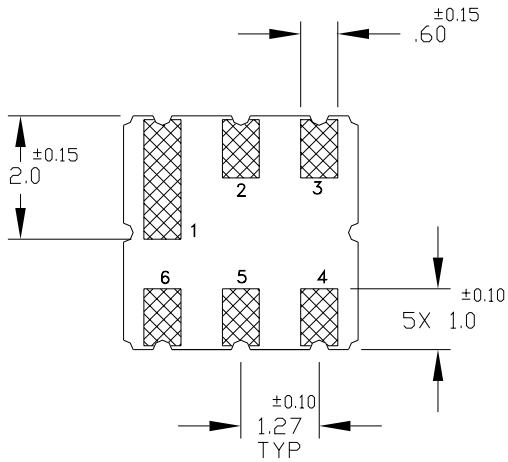
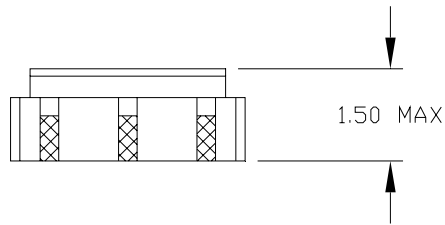
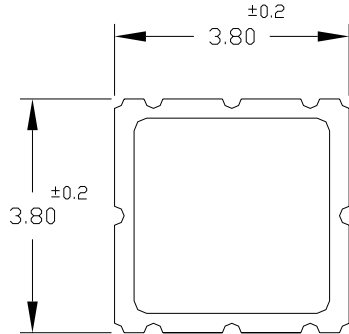
Parameter	Min	Max	Units
Storage Temperature Range	-40	85	°C
Operating Temperature Range	-20	75	°C
Input Power Level	-	+15	dBm

MATCHING CIRCUIT



Note: Matching components are not required.

PACKAGE OUTLINE

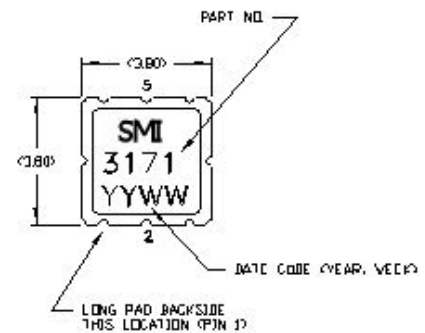


Pad Configuration:

Input: 2
Output: 5
Ground: 1,3,4,6

Package Material:
Body: Al_2O_3 ceramic
Lid: Kovar, Ni plated
Terminations: Au plating 1 μ m min,
over a 1.3-8.9 μ m Ni plating

MARKING



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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