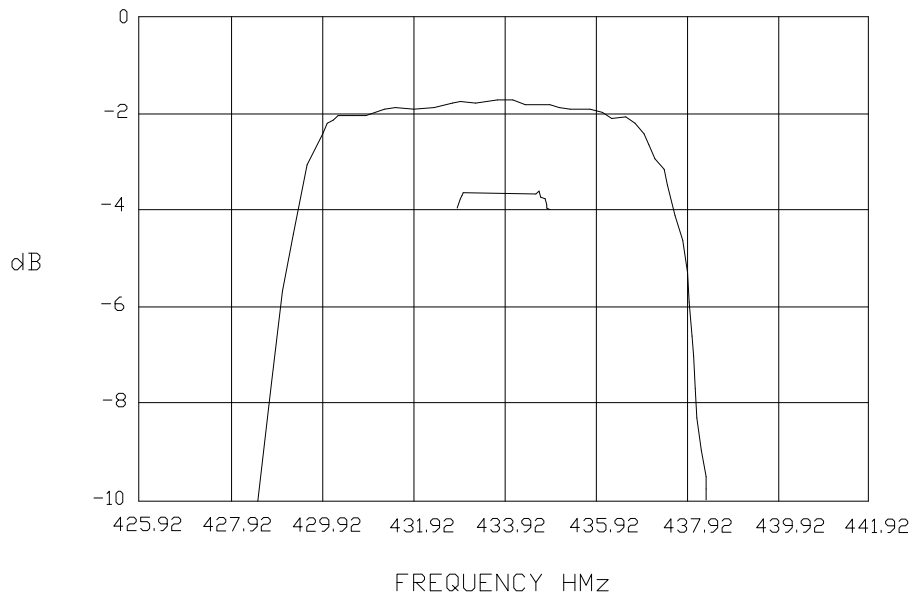
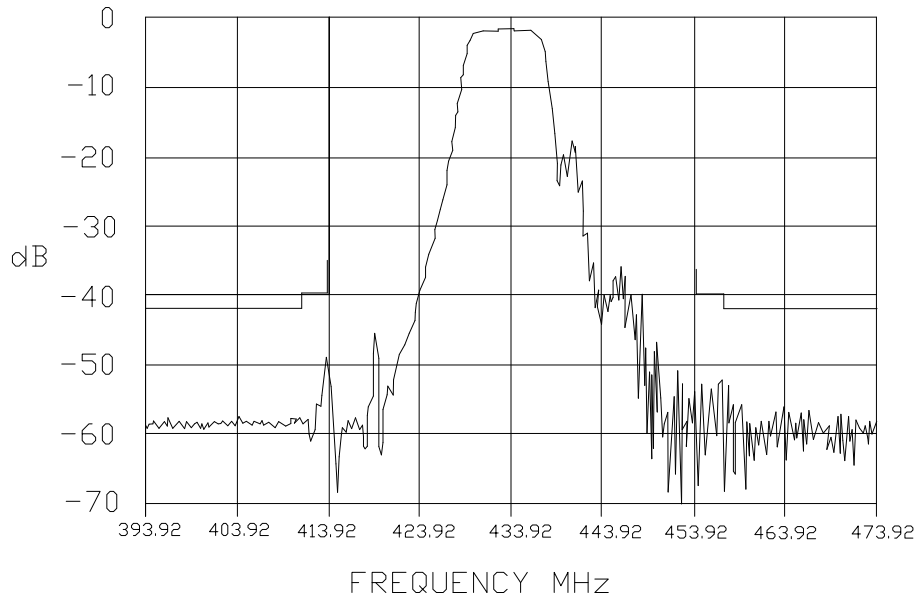


DESCRIPTION

- 433.92 MHz SAW Filter with nominal 7 MHz bandwidth.
- 3 x 3 mm LCC Package, 6 pads.
- RoHS compliant.

TYPICAL PERFORMANCE



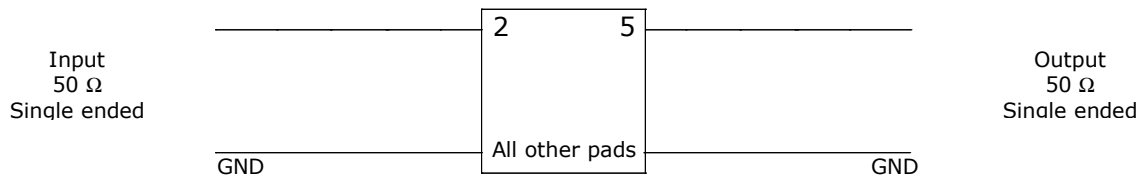
SPECIFICATION

Parameter	Min	Typ	Max	Units
Center Frequency (Fc)	-	433.92	-	MHz
Nominal Bandwidth (1 dB)	-	7	-	MHz
Insertion Loss (433.00 – 434.71 MHz)	-	2.0	2.7	dB
Amplitude Ripple (433.00 – 434.71 MHz)	-	0.3	1.3	dB p-p
Attenuation (Reference level from 0 dB)				
(389.0 to 392.0 MHz)	42.0	54.0	-	dB
(411.0 to 414.0 MHz)	40.0	50.0	-	dB
(454.0 to 457.0 MHz)	40.0	51.0	-	dB
(475.5 to 478.5 MHz)	42.0	52.0	-	dB
Ambient Temperature	25			°C
System Source and Load Impedance	50			Ohm

MAXIMUM RATINGS

Parameter	Min	Max	Units
Operating Temperature Range	-10	60	°C
Storage Temperature Range	-40	85	°C
Input Power Level	-	+10	dBm
DC voltage	-	3	V

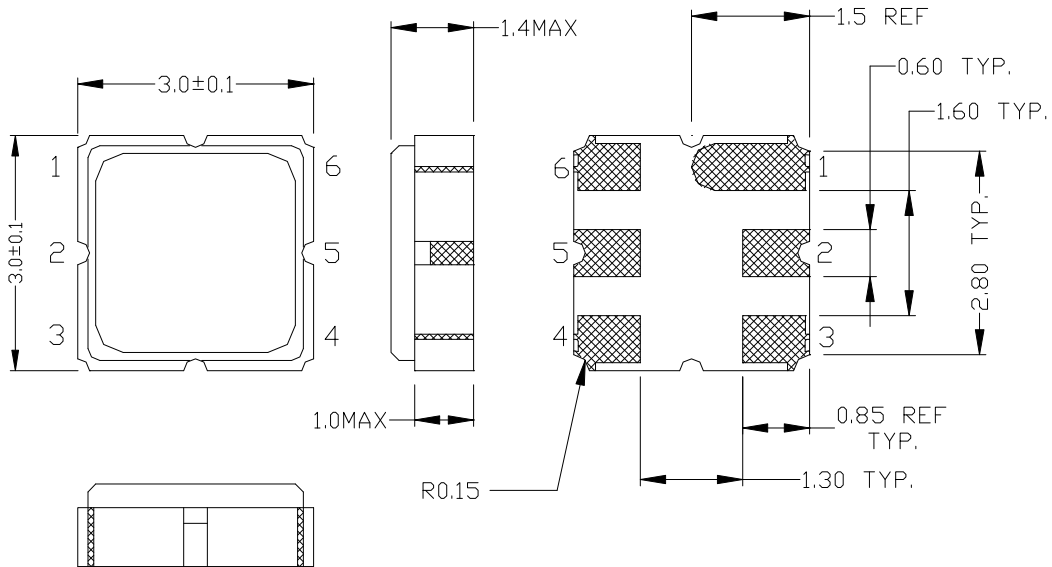
MATCHING CIRCUIT



Notes:

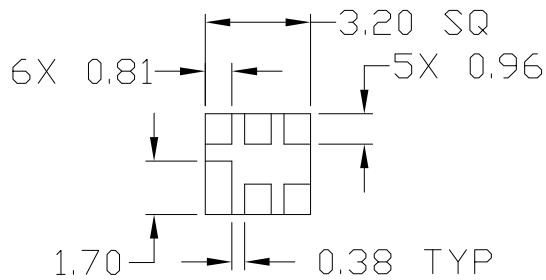
- External matching components are not required.
- Device is intended to operate in a 50 Ω single ended system.

PACKAGE OUTLINE



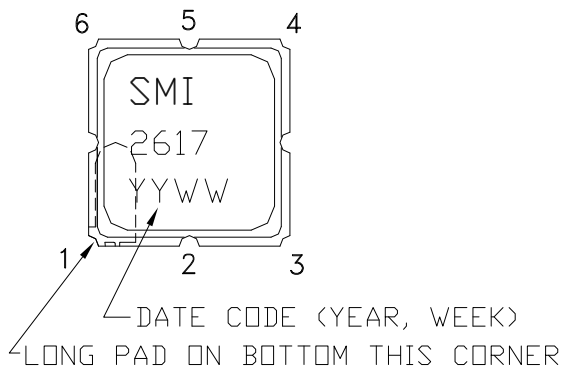
NOTE:
 Dimensions shown are all in mm.

FOOTPRINT



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

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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