



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

737 MHz SAW Filter

Part Number: AE737SB1163



Parameters Description	Minimum	Typical	Maximum	Unit
Center Frequency (Fo)	-	737.0	-	MHz
Insertion Loss within 728.0 - 746.0 MHz	-	1.5	2.5	dB
Amplitude Ripple within 728.0 – 746.0 MHz	-	0.8	1.5	dBp-p
Return Loss within 728.0 - 746.0 MHz	10	12	-	dB
Attenuation:				
20.0 – 400.0 MHz	30	33	-	dB
391.0 – 409.0 MHz	30	33	-	dB
559.5 – 577.5 MHz	30	31	-	dB
698.0 x 716.0 MHz	30	36	-	dB
716.0 – 722.0 MHz	4	7	-	dB
896.5 – 914.5 MHz	30	33	-	dB
1000.0 – 3000.0 MHz	3	5	-	dB

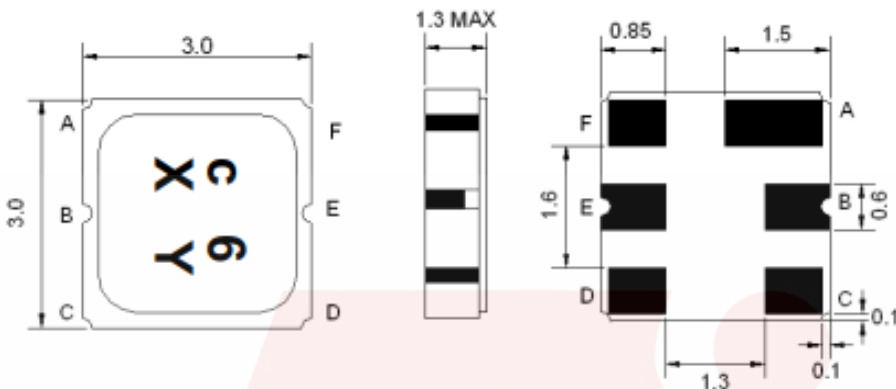
Notes: (1) No Matching Network.

Parameters Description	Minimum	Typical	Maximum	Unit
Operation Temperature Range	-10	-	+60	°C
Storage Temperature Range	-40	-	+85	°C
Maximum DC Voltage	-	-	0	V
Maximum Input Power	-	-	27	dBm
Source Impedance (single ended) ⁽¹⁾	50 Ohms			
Load Impedance (single ended) ⁽¹⁾	50 Ohms			
Package type & size	M			
Length x Width	3.0 x 3.0 mm ²			
Height	1.3 mm			

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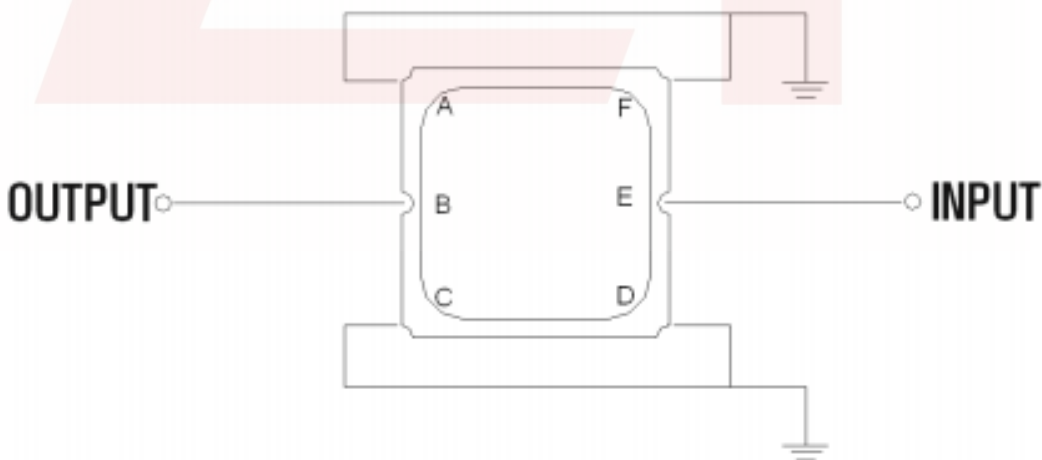
Outline Drawing:



Marking Descriptions	
c	Wireless Application
6	Series Number
X	Date Code(Year)
Y	Date Code(Month)

Pin Description	
A, C, D, F	Ground
E	In or Out
B	Out or In

Testing Environment



Source & Load Impedance: 50 Ω