

- EGSM, RF SAW Filter
- Revision 0: July 2012

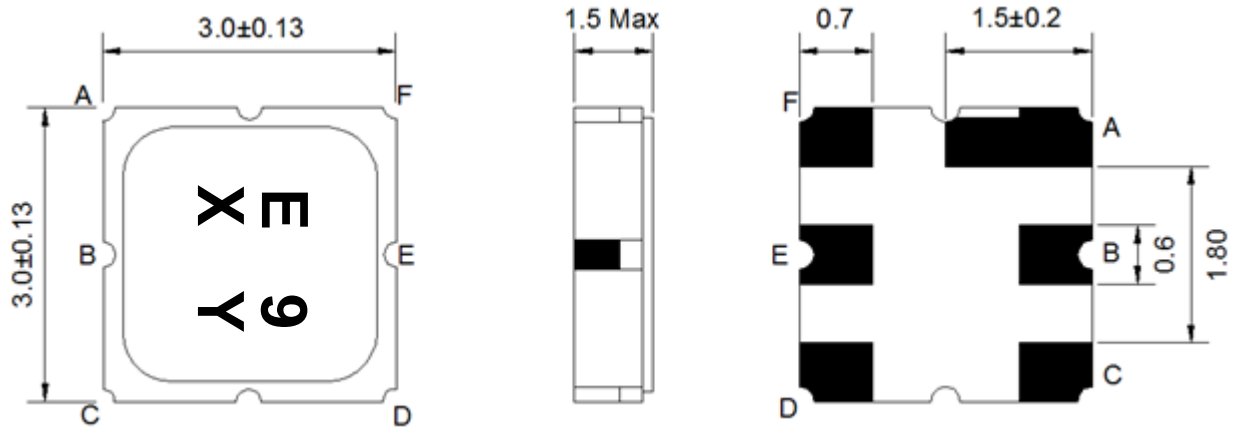
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-20	-	+75
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	3
Maximum Input Power	dBm	-	-	5
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	M6			
Length x Width	mm ²	-	3.0 x 3.0	-
Height	mm	-	-	1.5

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	897.5	-
Insertion Loss within 880.0 ~ 915.0 MHz	dB	-	2.1	3.0
Amplitude Ripple within 880.0 ~ 915.0 MHz	dB _{p-p}	-	1.0	2.0
Attenuation:				
D.C ~ 860.0 MHz	dB	17	19	-
925.0 ~ 935.0 MHz	dB	5	12.4	-
935.0 ~ 960.0 MHz	dB	20	24	-
980.0 ~ 2000.0 MHz	dB	20	22	-
VSWR within 880.0 ~ 915.0 MHz	-	-	2.0	2.6

Notes: (1) No Matching Network

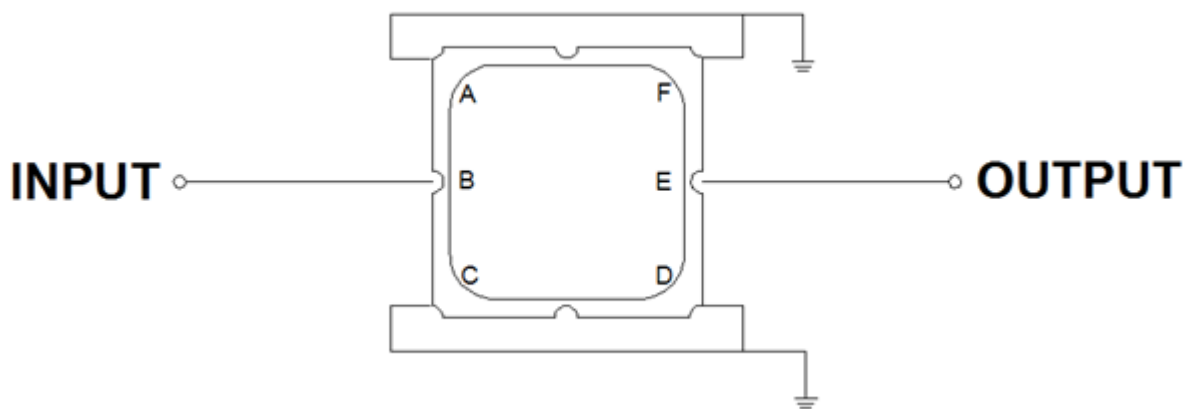
Package Dimensions



Marking Descriptions	
E	EGSM Application
9	Series Number
X	Date Code (Year)
Y	Date Code (Month)

Pin Description	
A, C, D, F	Ground
B	Input
E	Output

Testing Environment



Source & Load Impedance: 50 Ω

Frequency Characteristics

Frequency Response

