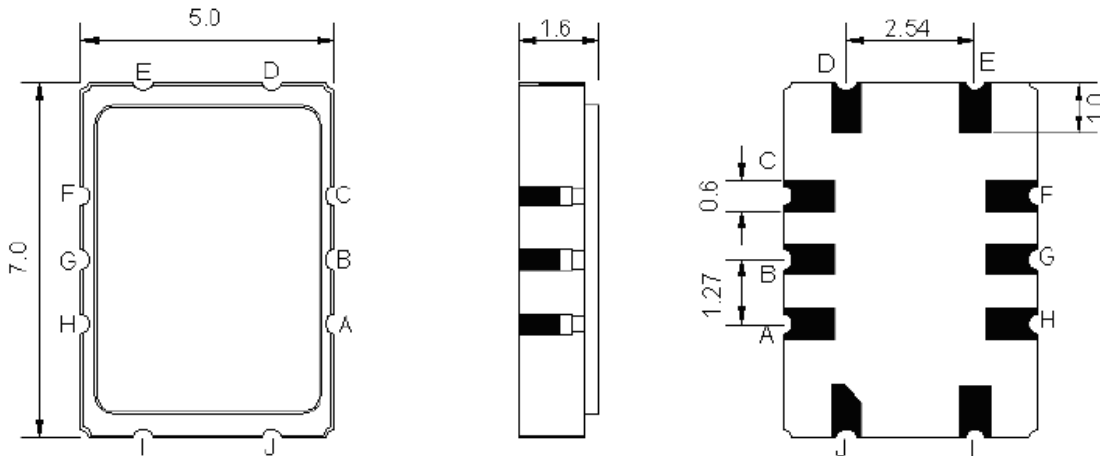


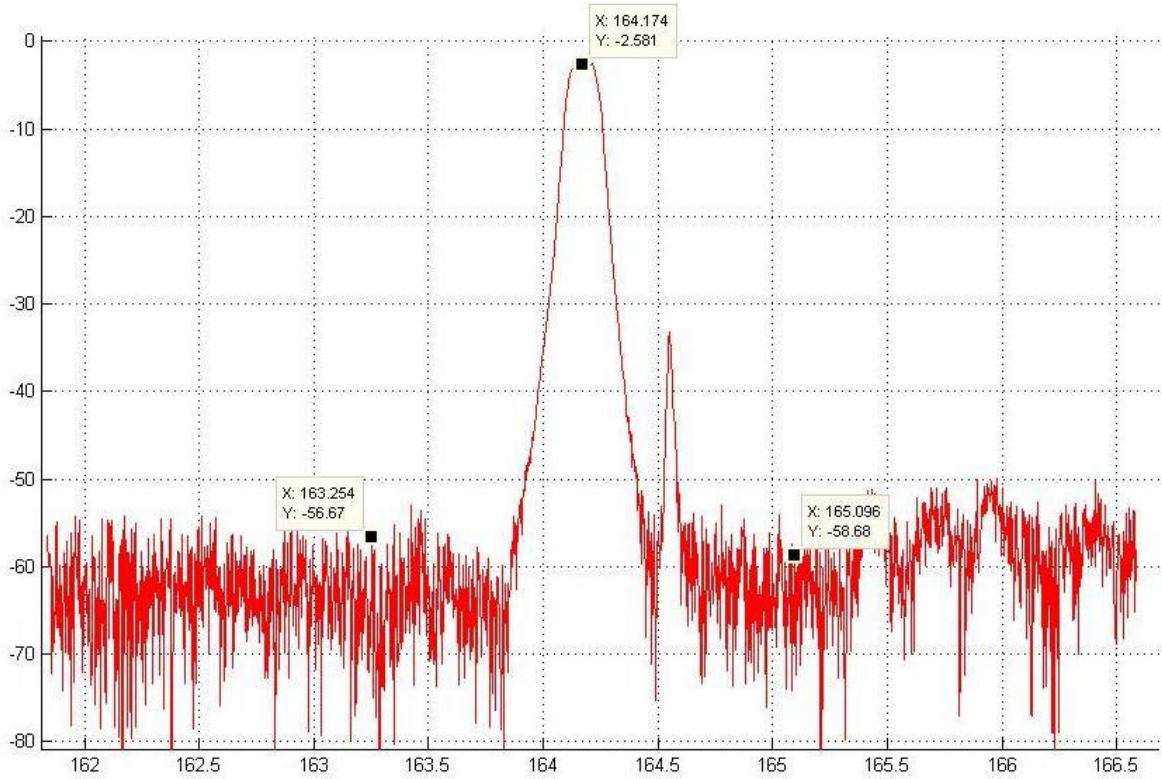
Items	Specification	Unit
Center frequency( $F_0$ )	164.175	MHz
Bandwidth @-3dB	125	kHz
Bandwidth @-10dB	200	kHz
Insertion Loss (within $f_c-7.5 \sim f_c+30$ kHz)	3.6	dB max
Amplitude Ripple (within $f_c-7.5 \sim f_c+30$ kHz)	1.0	dB max
Attenuation	154.175 ~ 163.255 MHz	50
	165.095 ~ 174.175 MHz	45
Aging Maximum	$\pm 10$	ppm/year
Input power, Maximum	20 dBm	
DC Voltage, Maximum	10 V	
Operation Temperature	$-40^\circ\text{C}$ to $+85^\circ\text{C}$	
Storage Temperature	$-40^\circ\text{C}$ to $+85^\circ\text{C}$	

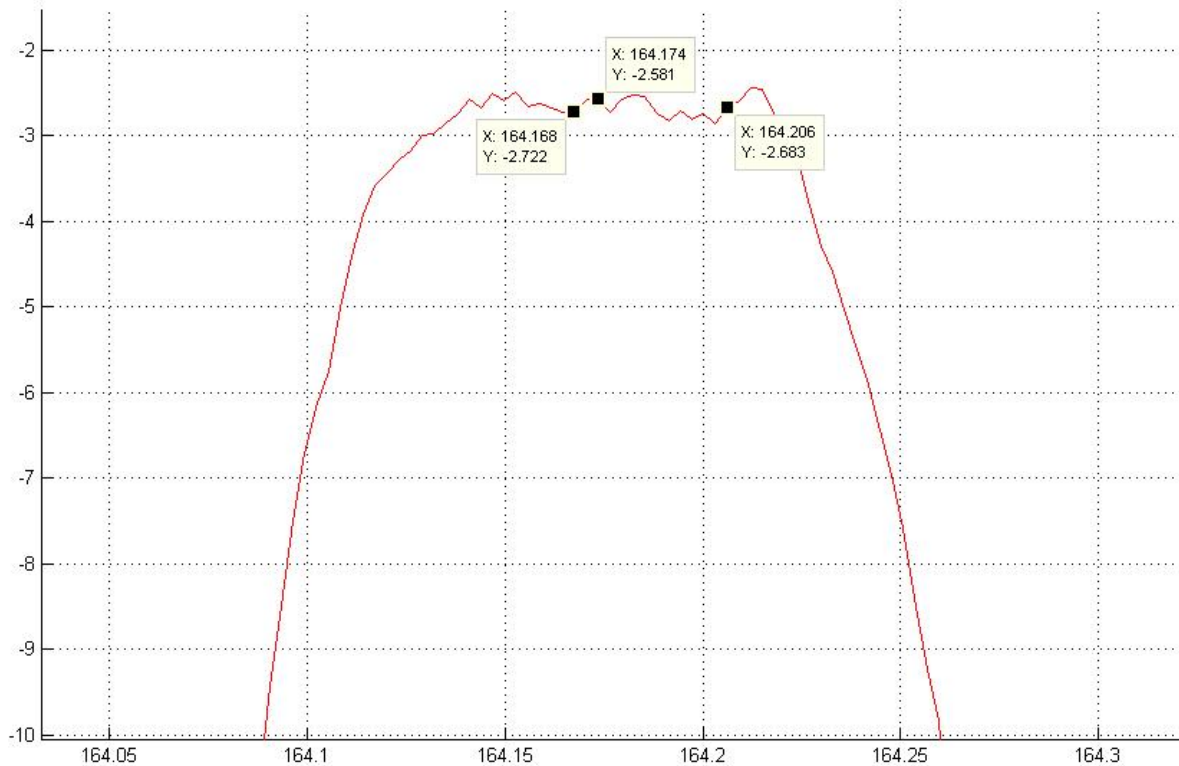
### Dimension



Pin Description	
A,B,C,F,G,H	Ground
I	Input
J	Ground
D	Output
E	Ground

#### Frequency Characteristics





#### ● ENVIRONMENTAL

PARAMETER	VALUE
MOISTURE SENSITIVITY LEVEL	1
RoHS-2	6/6 COMPLIANT & LEAD FREE
REACH SVHC	COMPLIANT
HALOGEN-FREE	COMPLIANT
ESD CLASSIFICATION LEVEL	N/A
TERMINATION FINISH	Au



#### ● MARKING

164  
Rxz

x – Internal Production ID code  
z – Date Code (year / month)

DATE CODE												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2015	a	b	c	d	e	f	g	h	j	k	l	m

2016	n	p	q	r	s	t	u	v	w	x	y	z
2017	A	B	C	D	E	F	G	H	J	K	L	M
2018	N	P	Q	R	S	T	U	V	W	X	Y	Z

**● APPROVAL**

DRAWN BY	F. Parra, 05 June 2015
APPROVED BY	F. Parra, 05 June 2015
REVISION	A, Initial Release

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