

- Wireless, RF SAW Filter
- Revision 0: November 2012

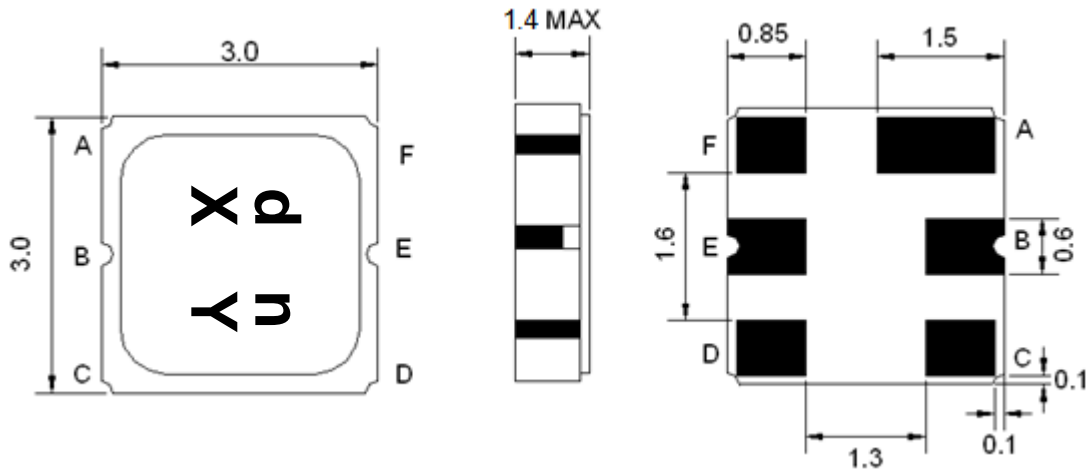
Electrical Characteristics

MAXIMUM RATINGS				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-40	-	+90
Maximum DC Voltage	V	-	-	3
Maximum Input Power	dBm	-	-	10
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	S20			
Length x Width	mm ²	-	3.0 x 3.0	-
Height	mm	-	-	1.4

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1621.25	-
Insertion Loss within 1616.0 ~ 1626.5 MHz	dB	-	1.9	2.5
Amplitude Ripple within 1616.0 ~ 1626.5 MHz	dB _{p-p}	-	0.7	1.2
Return Loss within 1616.0 ~ 1626.5 MHz	dB	10	17	-
Attenuation (Reference level from 0 dB):				
200.0 ~ 1475.0 MHz	dB	35	39	-
1475.0 ~ 1570.0 MHz	dB	20	29	-
1570.0 ~ 1575.0 MHz	dB	15	23	-
1652.0 ~ 1662.0 MHz	dB	2	6	-
1662.0 ~ 1670.0 MHz	dB	2	35	-
1670.0 ~ 2200.0 MHz	dB	25	44	-
2200.0 ~ 3000.0 MHz	dB	25	46	-

Notes: (1) No Matching Network

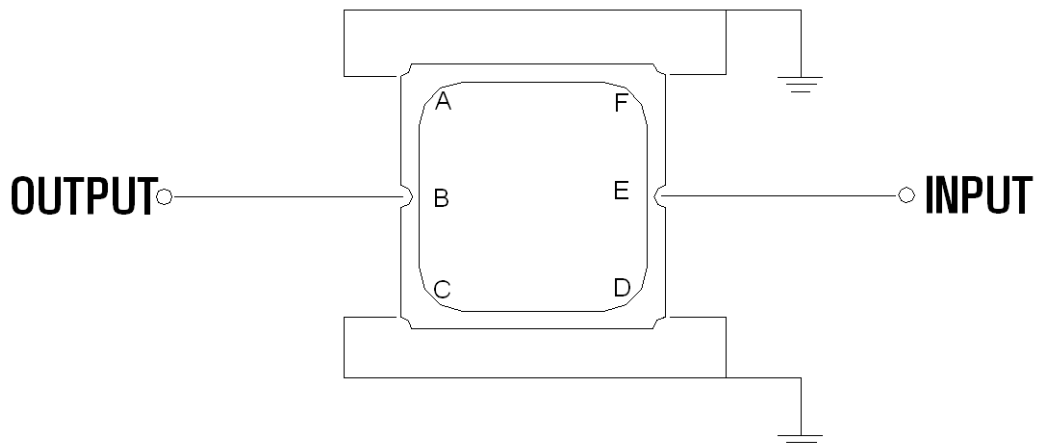
Package Dimensions



Marking Descriptions	
d	Wireless Application
n	Series Number
X	Date Code (Year)
Y	Date Code (Month)

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

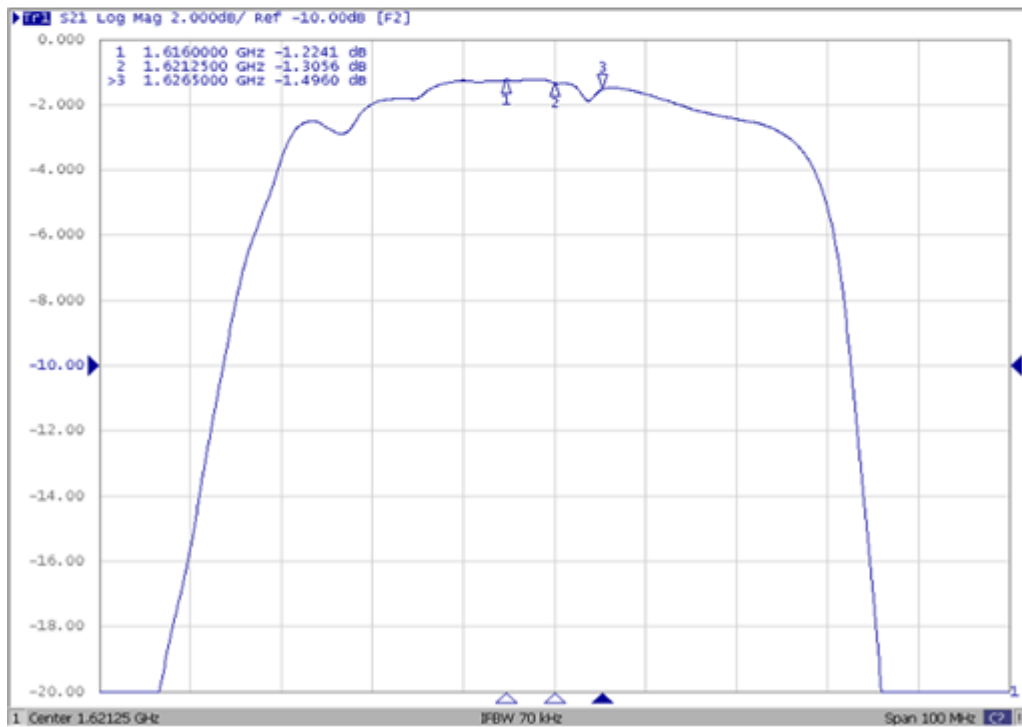
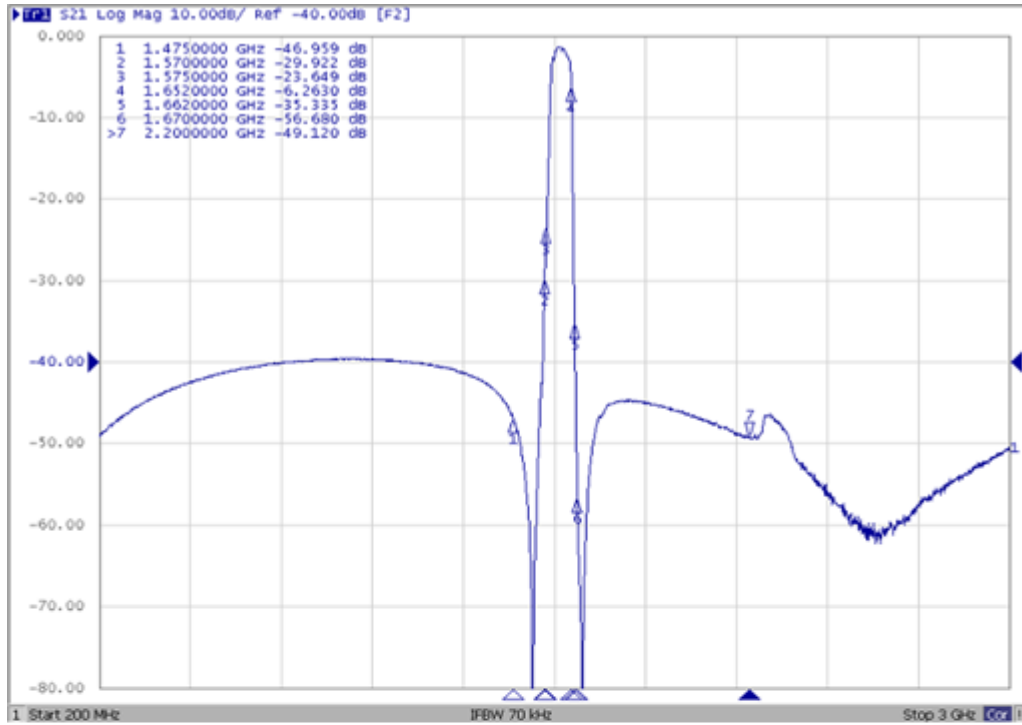
Testing Environment



Source & Load Impedance: 50 Ω

Frequency Characteristics

Frequency Response



Return Loss

