

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

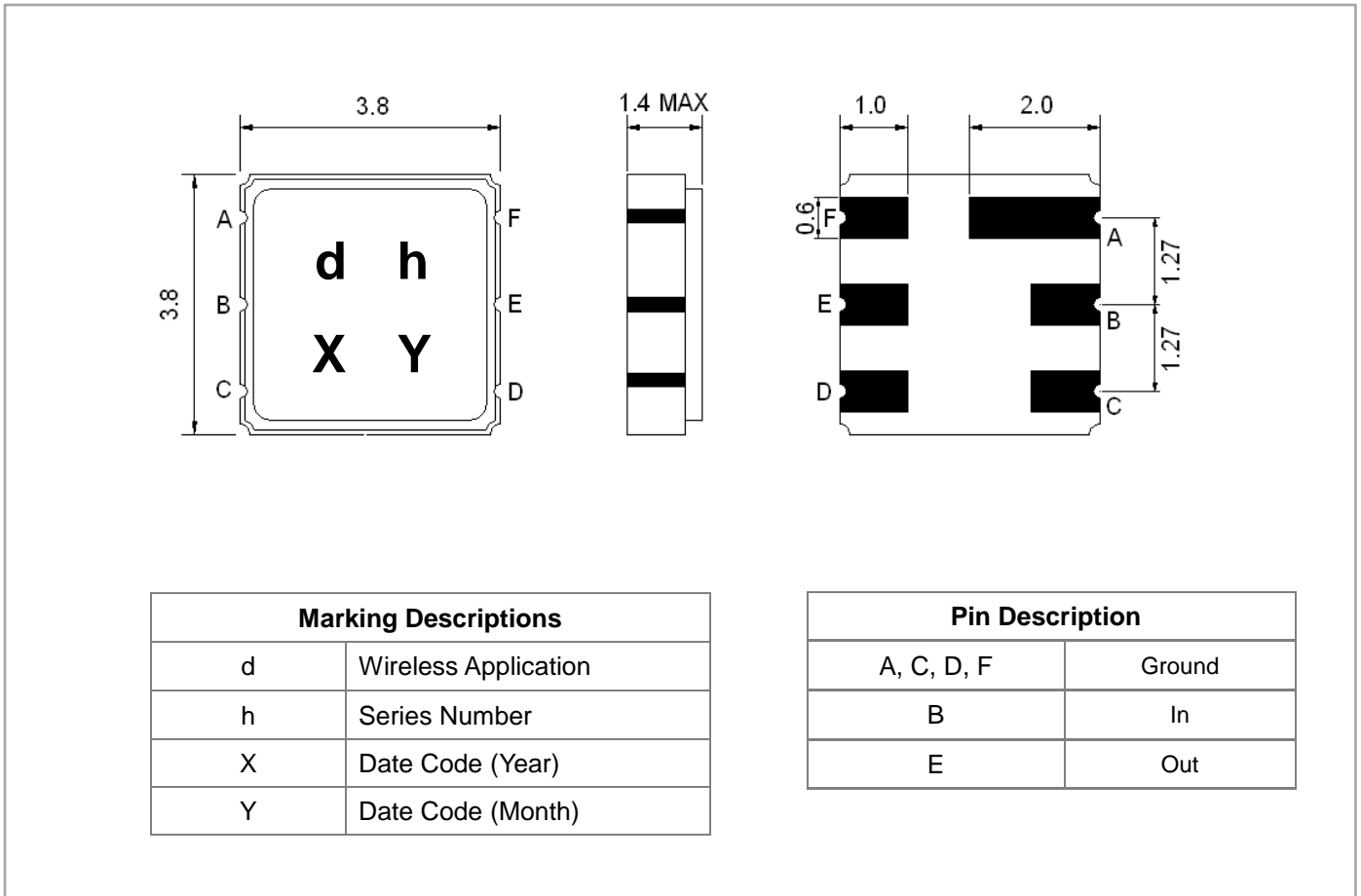
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	10
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	S30			
Length x Width	mm ²	-	3.8 x 3.8	-
Height	mm	-	-	1.4

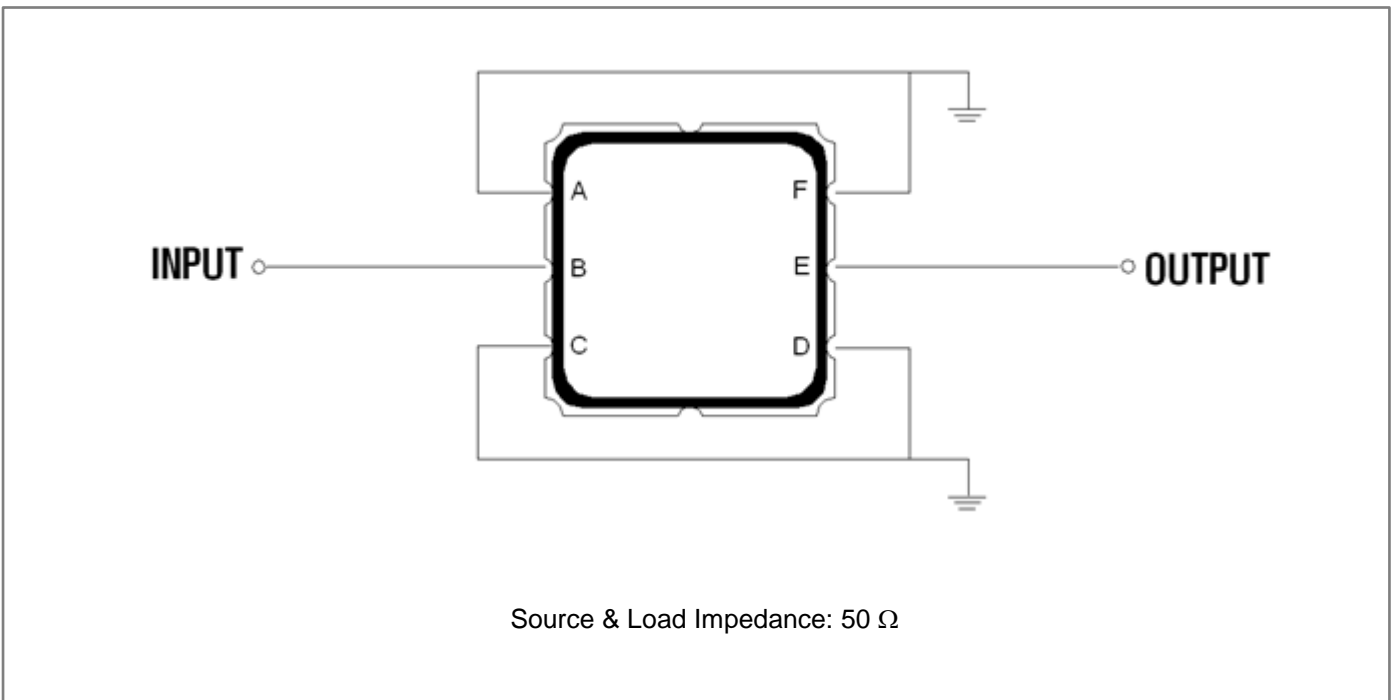
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	650.0	-
Insertion Loss within 648.0 ~ 652.0 MHz	dB	-	1.9	3.0
Amplitude Ripple within 648.0 ~ 652.0 MHz	dB _{p-p}	-	0.3	1.0
Absolute Group Delay at Fo	ns	-	97	-
Group Delay Ripple within 648.0 ~ 652.0 MHz	ns _{p-p}	-	12	30
Attenuation:				
0.3 ~ 600.0 MHz	dB	40	55	-
668.0 ~ 1150.0 MHz	dB	40	50	-
1150.0 ~ 1500.0 MHz	dB	35	46	-
1500.0 ~ 2500.0 MHz	dB	25	28	-
VSWR within 648.0 ~ 652.0 MHz	-	-	1.4	2.0

Notes: (1) No Matching Network

Package Dimensions

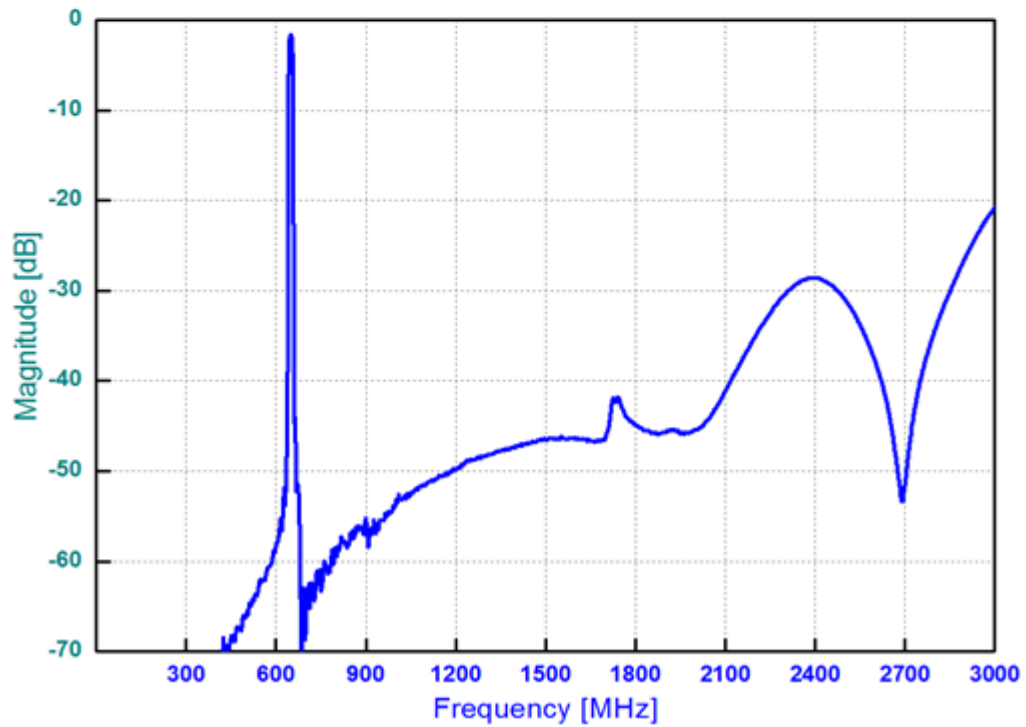
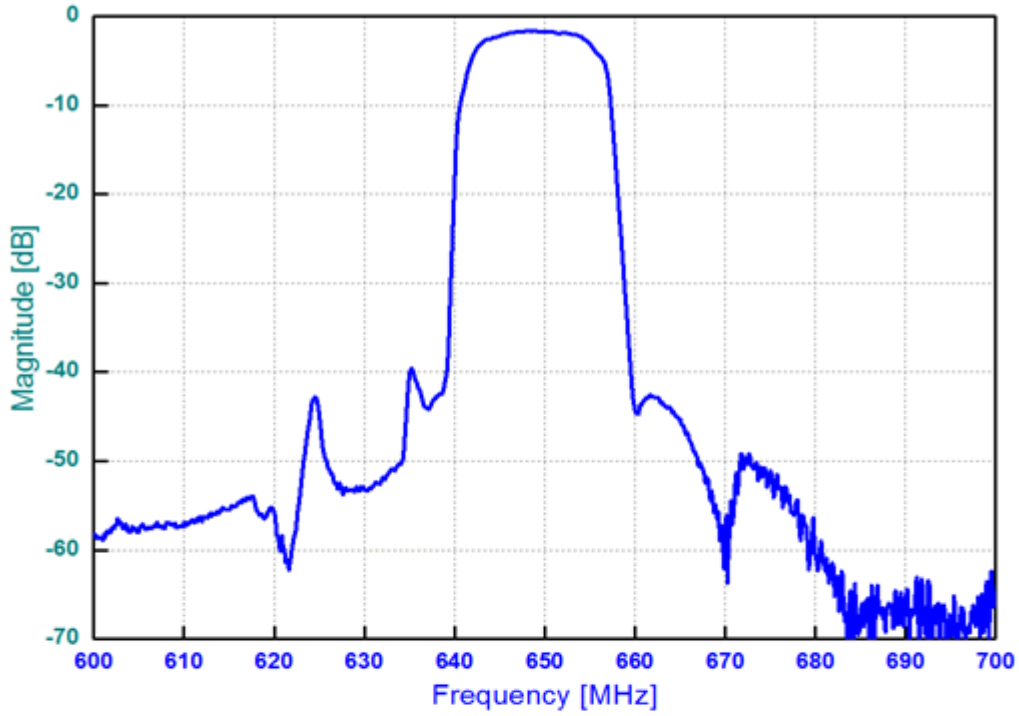


Testing Environment

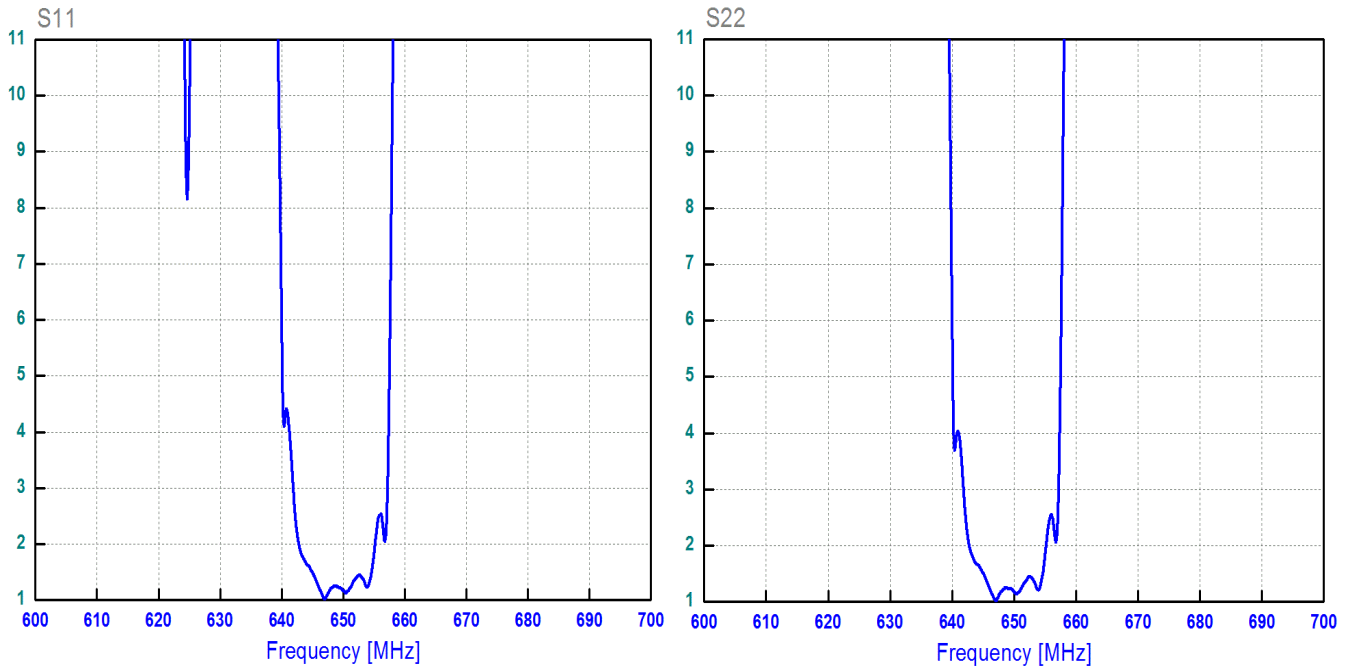


Frequency Characteristics

Frequency Response



VSWR



Smith Chart

