

- Band31, RF-Rx SAW Filter
- Revision 0: March 2014

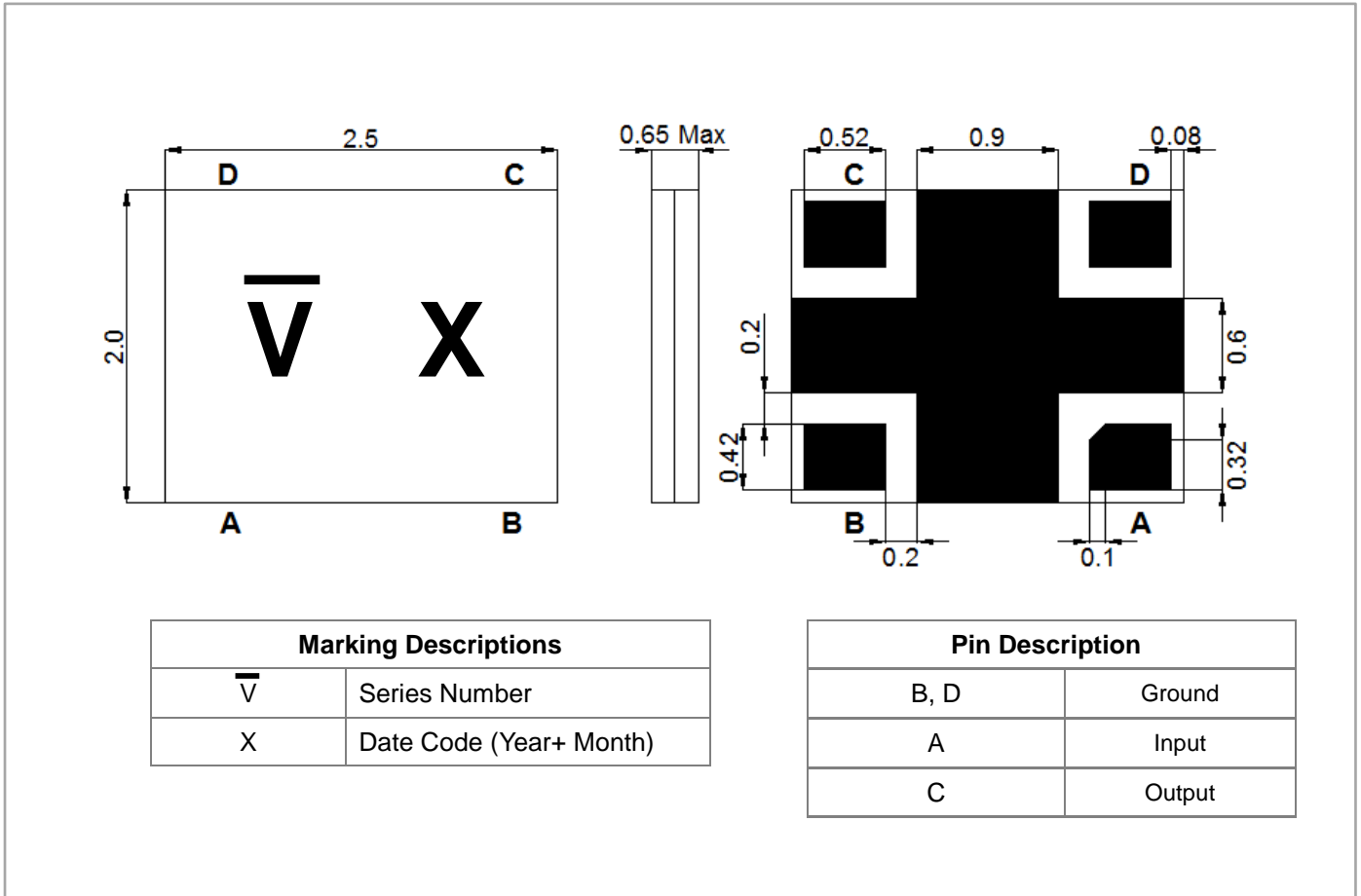
Electrical Characteristics

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	-	-	27
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	C55			
Length x Width	mm ²	-	2.5 x 2.0	-
Height	mm	-	-	0.65

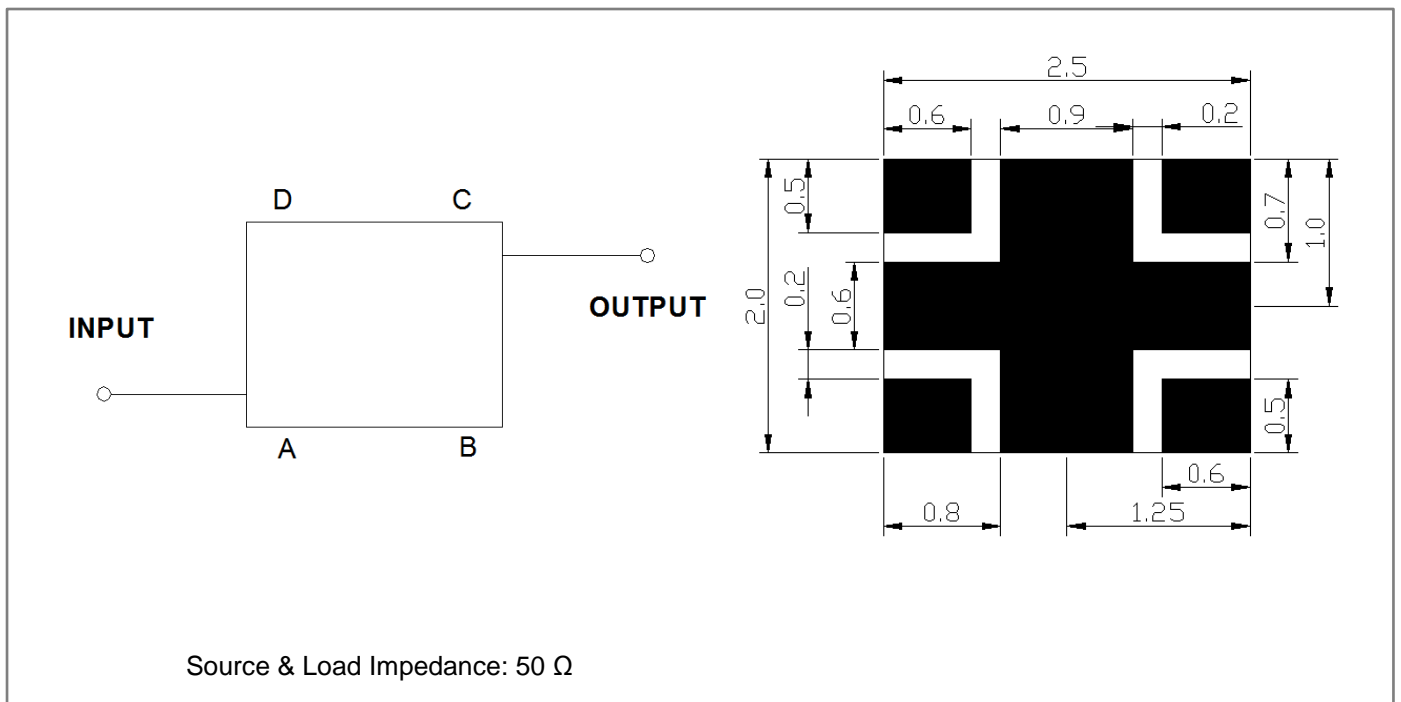
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	465.0	-
Insertion Loss in 462.75 ~467.25 MHz Avg over full inner 4.5 MHz	dB	-	1.65	2.3
In-Band Ripple within 462.75 ~467.25 MHz	dB _{p-p}	-	0.4	1.0
Input Return Loss within 462.75 ~467.25 MHz	dB	9	10.5	-
Output Return Loss within 462.75 ~ 467.25 MHz	dB	9	10.5	-
Attenuation in Tx band 452.75 ~ 457.25 MHz	dB	45	51	-
Absolute Attenuation:				
10.0 ~ 451.0 MHz	dB	40	45	-
475.0 ~ 480.0 MHz	dB	33	38	-
481.0 ~ 4000.0 MHz	dB	25	31	-

Notes : (1) No Matching Network .

Package Dimensions

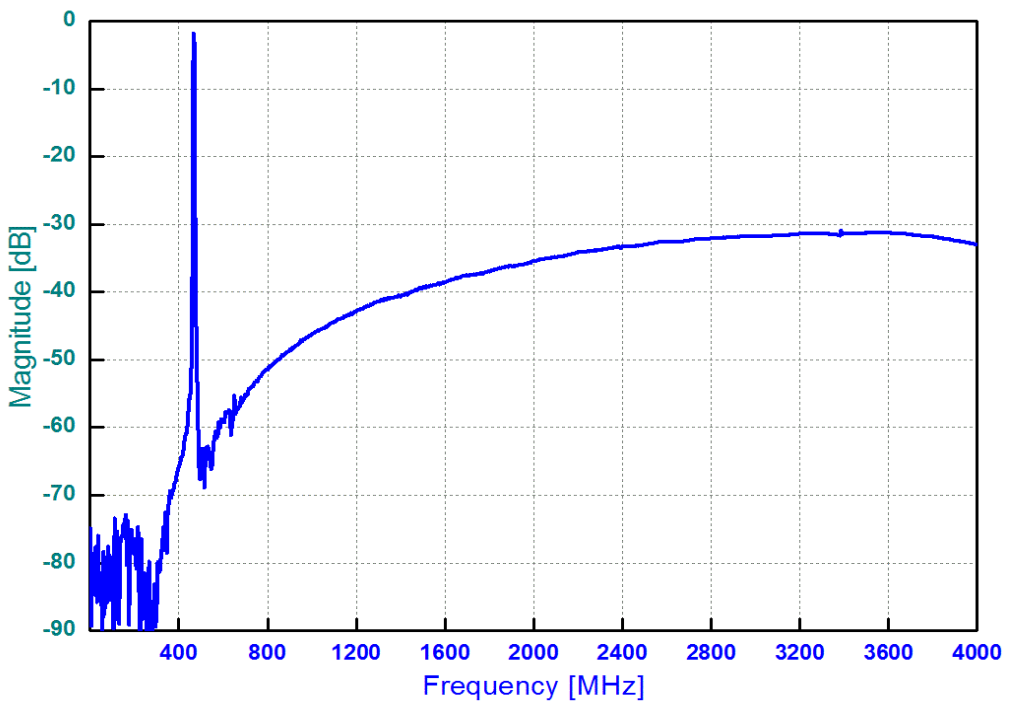
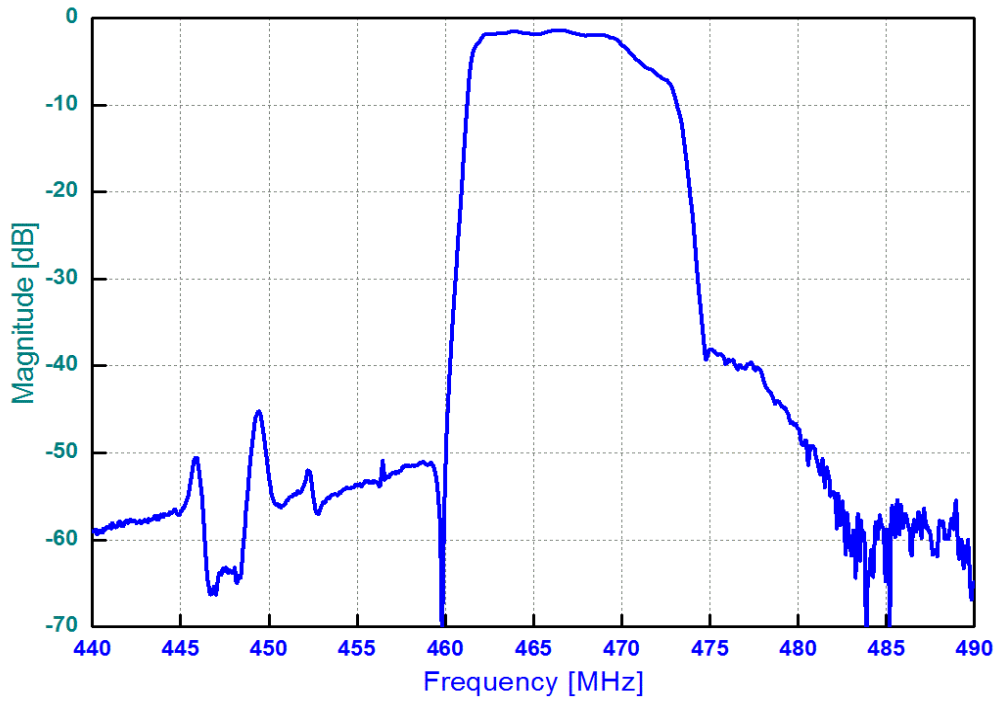


Testing Environment & Footprint

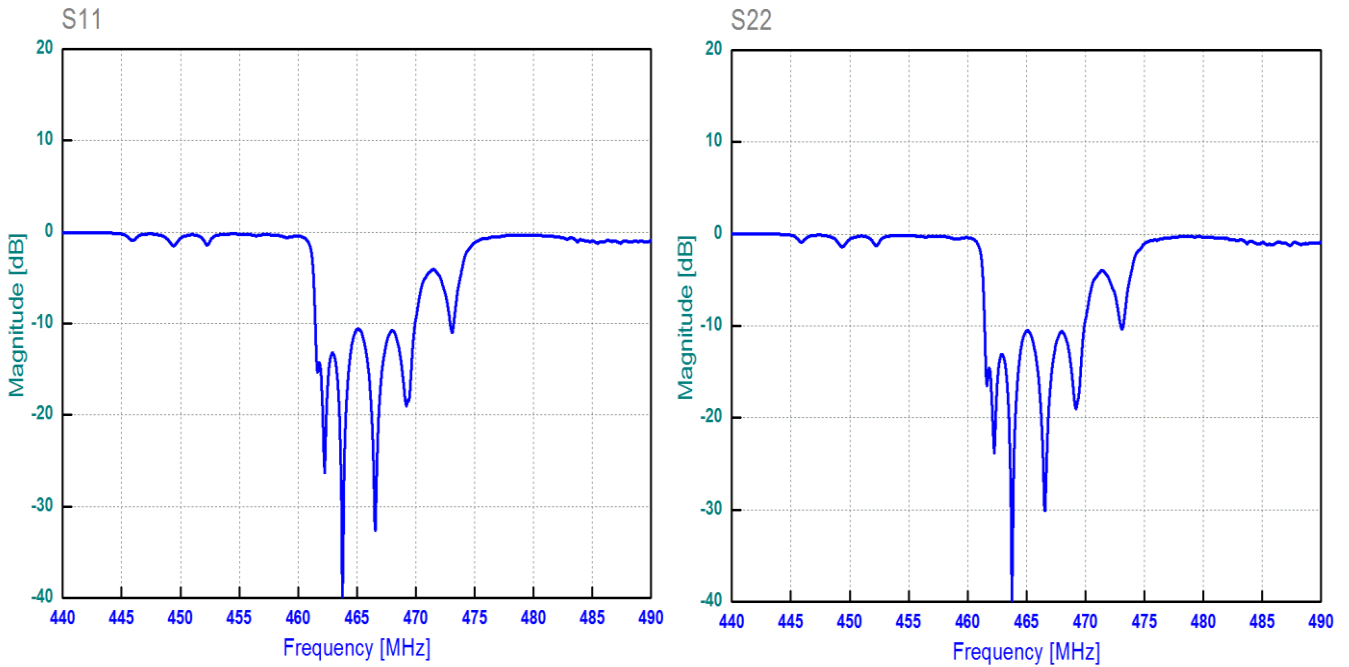


Frequency Characteristics

Frequency Response



Return Loss



Smith Chart

