

- Band 12, RF-Rx Balance SAW Filter
- Revision 0: February 2014

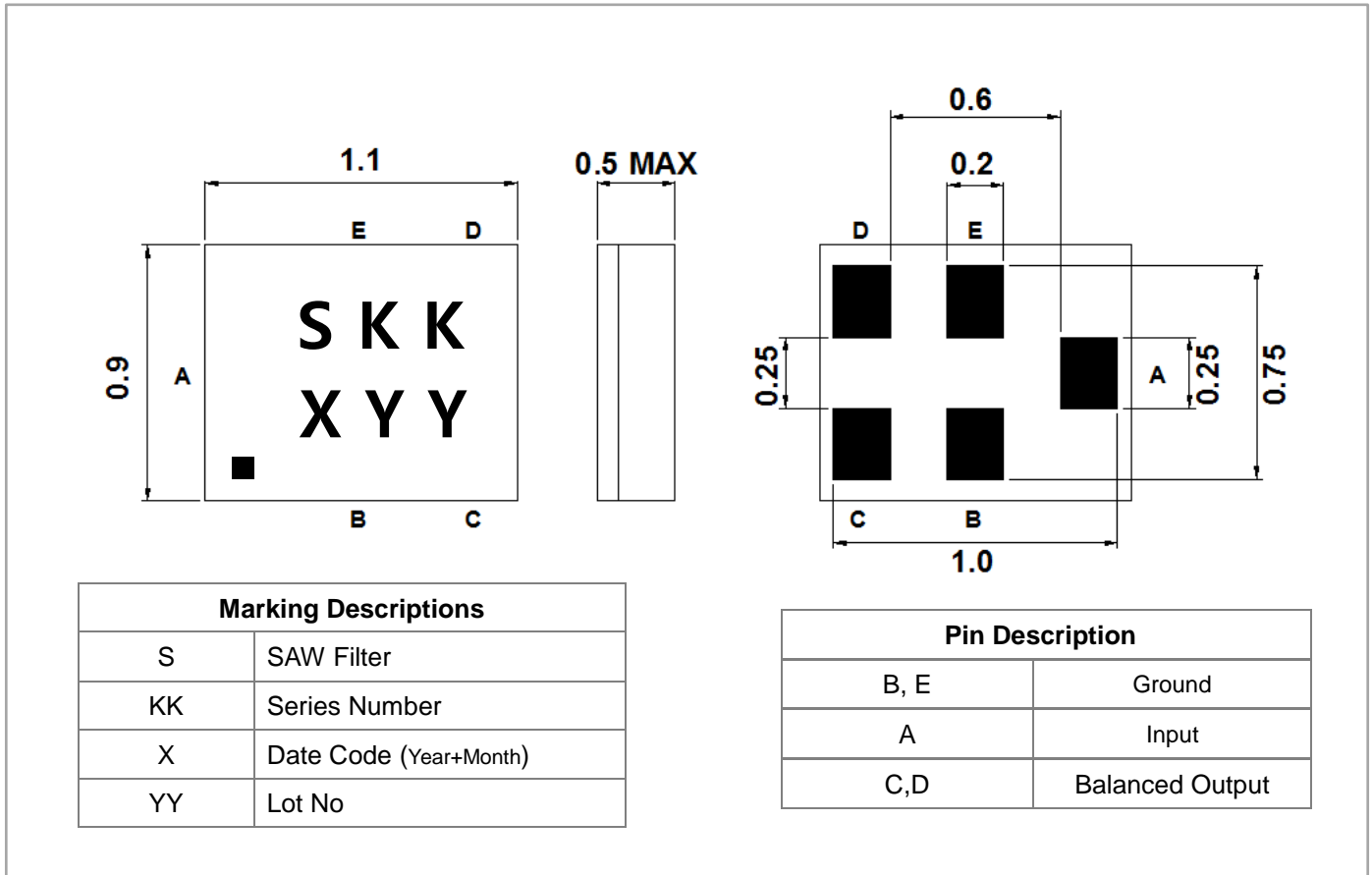
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	-
Maximum Input Power	dBm	-	-	15
Source Impedance (Unbalanced) ⁽¹⁾	Ω	-	50	-
Load Impedance (Balanced) ⁽¹⁾	Ω	-	100	-
Package type & size	C13			
Length x Width	mm ²	-	1.1 x 0.9	-
Height	mm	-	-	0.5

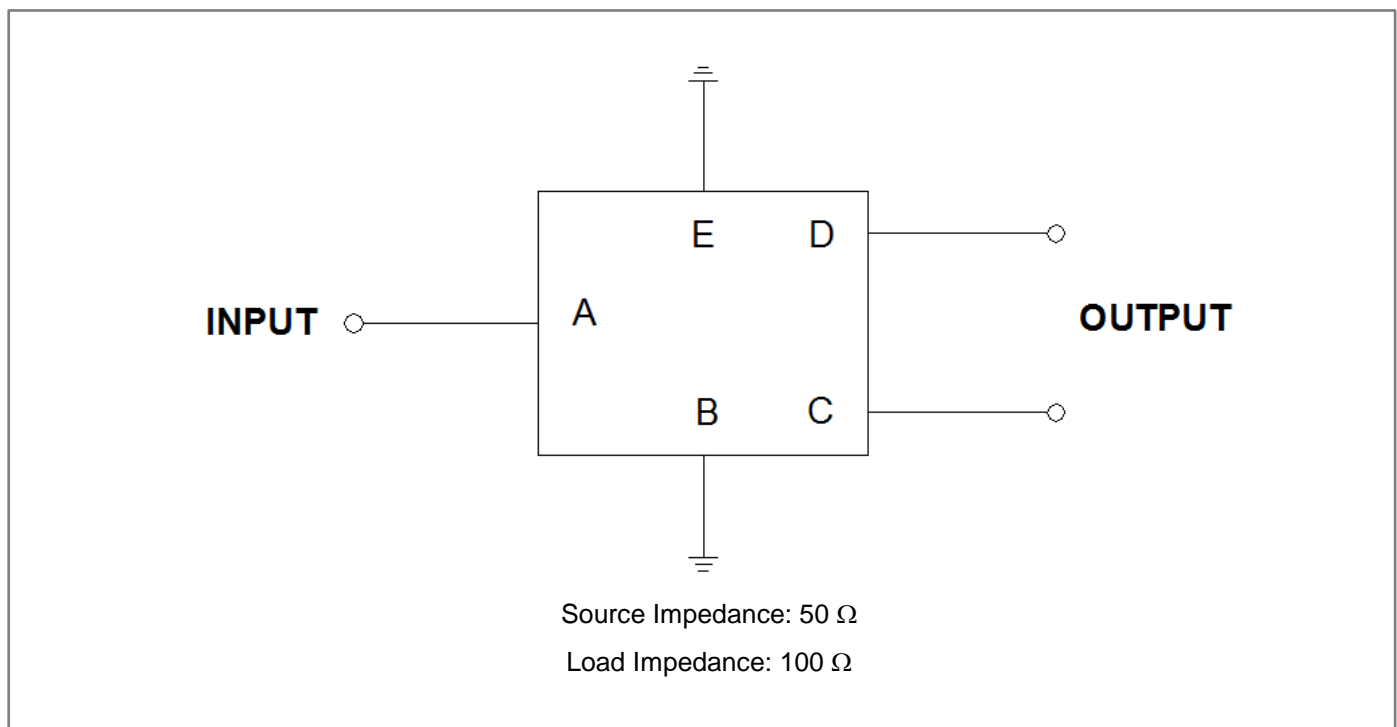
ELECTRICAL SPECIFICATION				
PARAMETERS		MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	737.5	-
Insertion Loss within 729.0 ~ 746.0 MHz	dB	-	1.6	2.5
Amplitude Ripple within 729.0 ~ 746.0 MHz	dB _{p-p}	-	0.5	1.5
VSWR within 729.0 ~ 746.0 MHz	-	-	1.8	2.1
Amplitude balance within 729.0 ~ 746.0 MHz	dB	-1.0	-0.1 ~ +0.2	+1.0
Phase balance within 729.0 ~ 746.0 MHz	deg	-10	-1.0 ~ +1.0	+10
Attenuation				
10 ~ 698.0 MHz	dB	40	59	-
699.0 ~ 716.0 MHz	dB	48	55	-
791.0 ~ 4000.0 MHz	dB	35	45	-
4000.0 ~ 6000.0 MHz	dB	30	48	-

Notes : (1) No Matching Network .

Package Dimensions

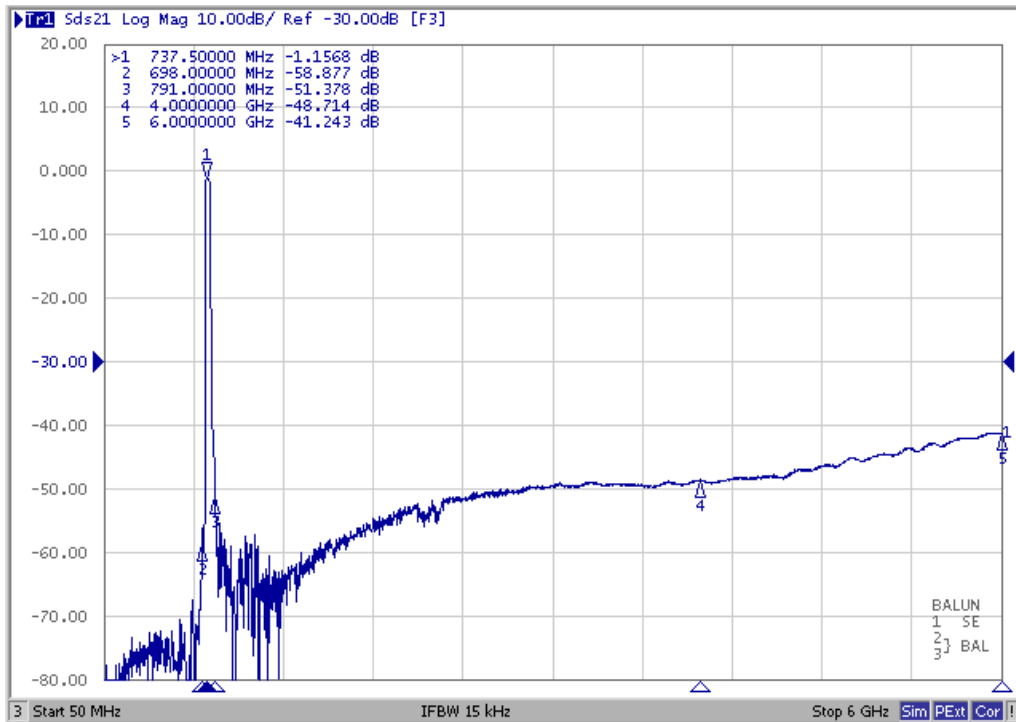
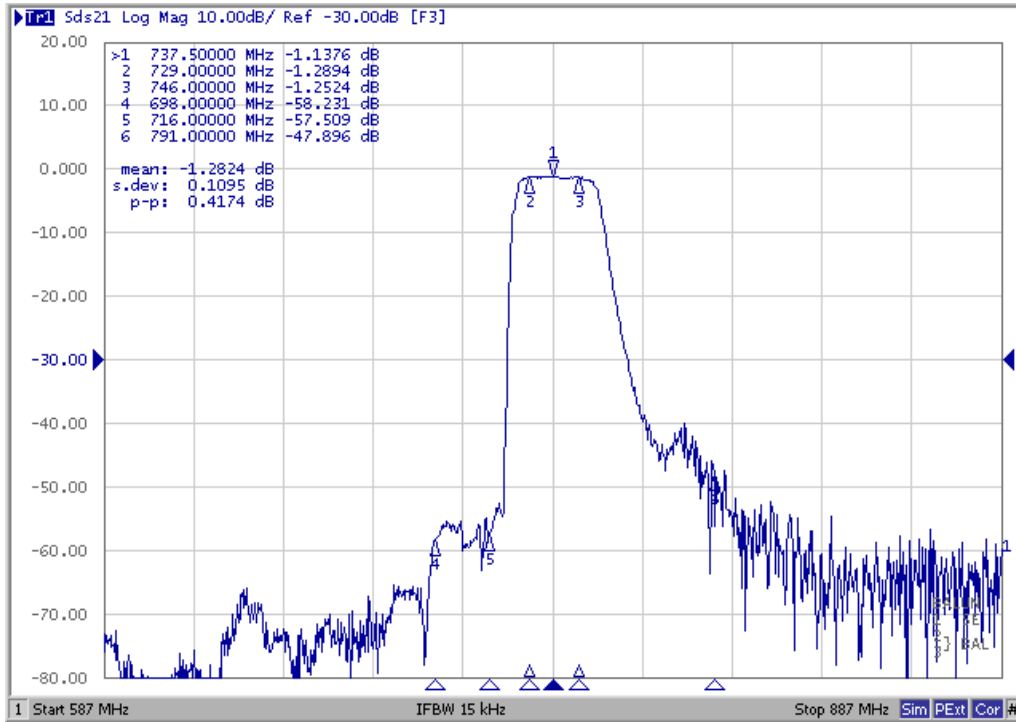


Testing Environment

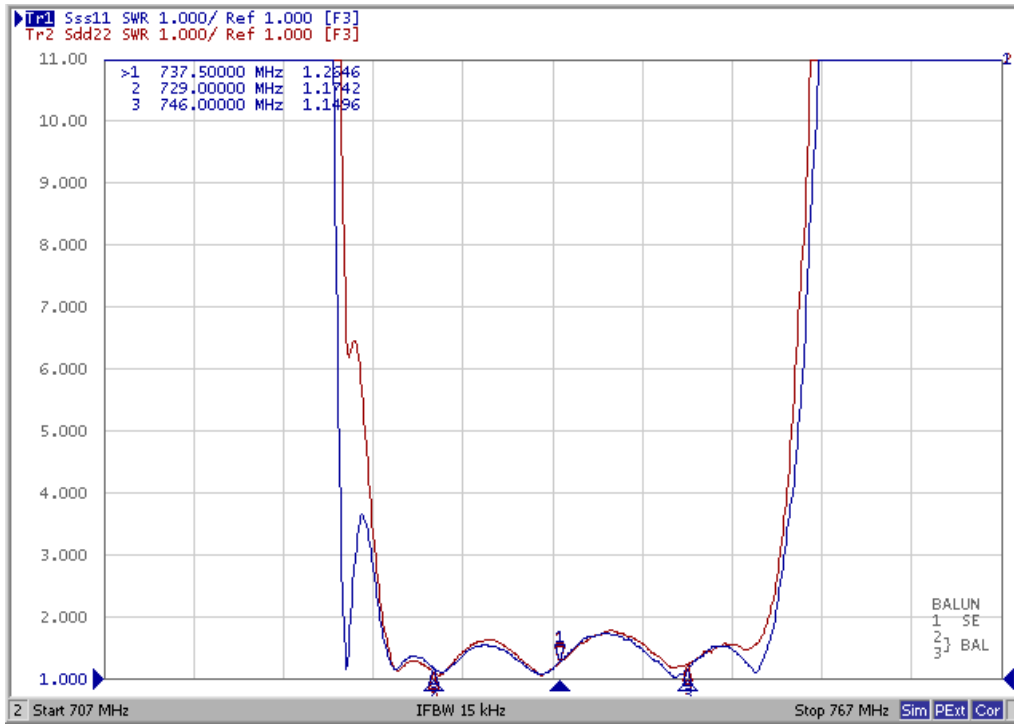


Frequency Characteristics

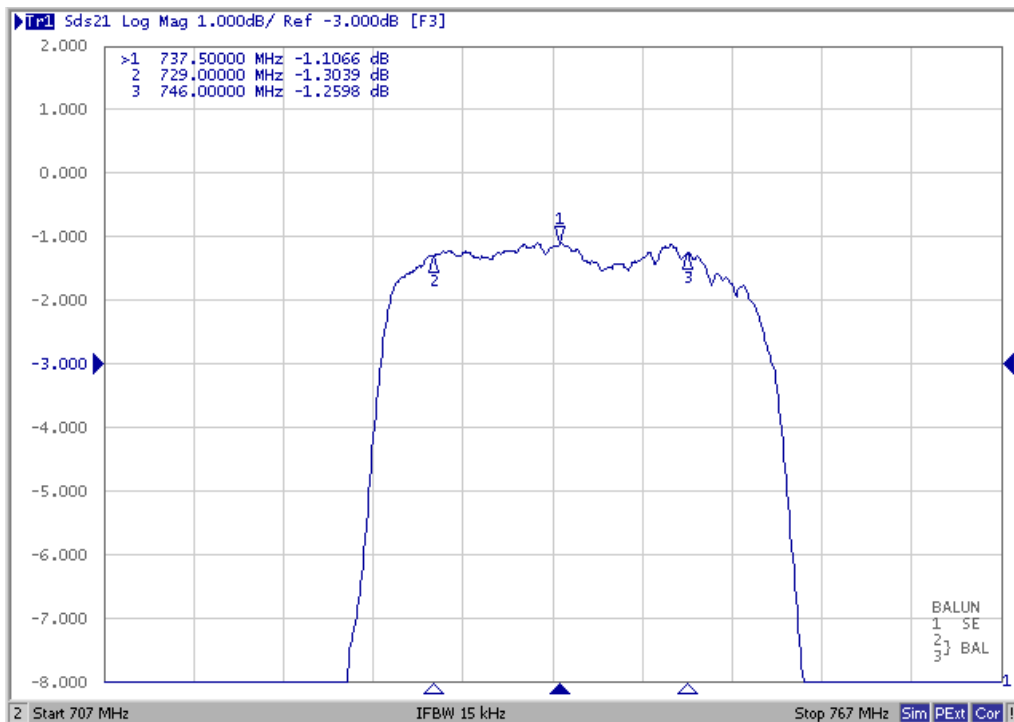
Frequency Response



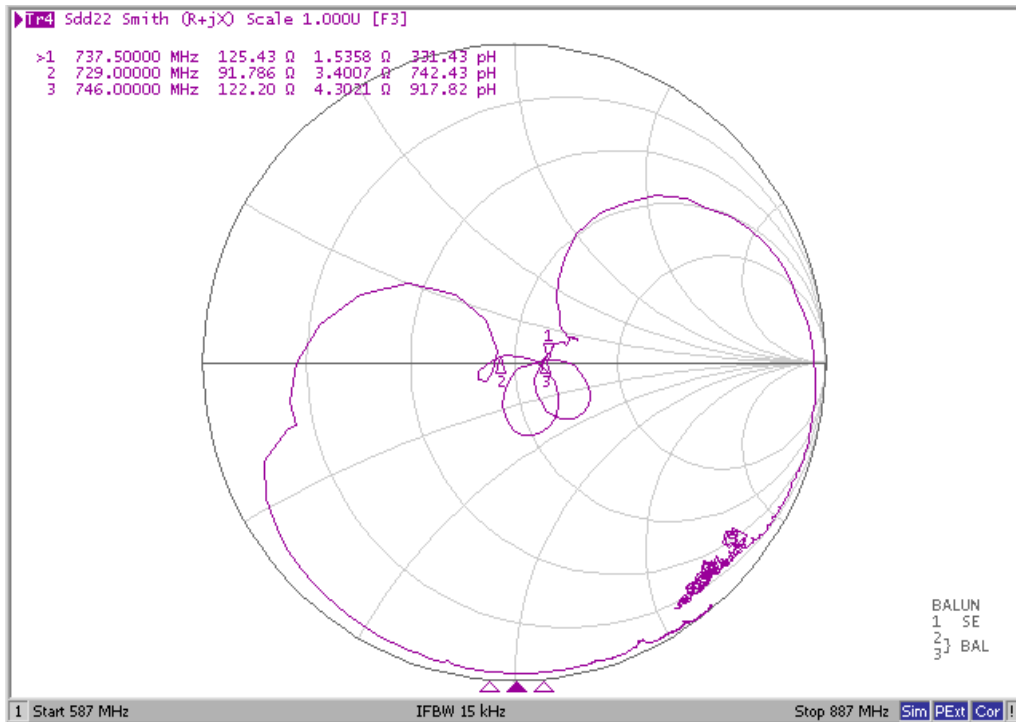
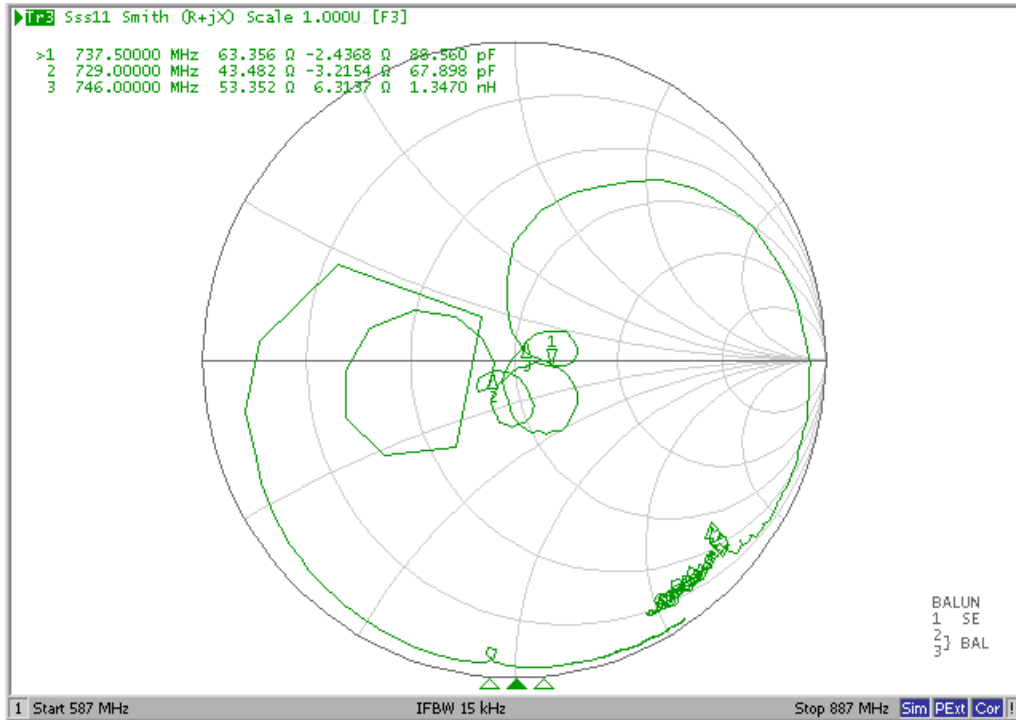
VSWR



Ripple



Smith Chart



Amplitude Balance



Phase Balance

