

- Wireless, RF SAW Filter
- Revision 0: Jan. 2018

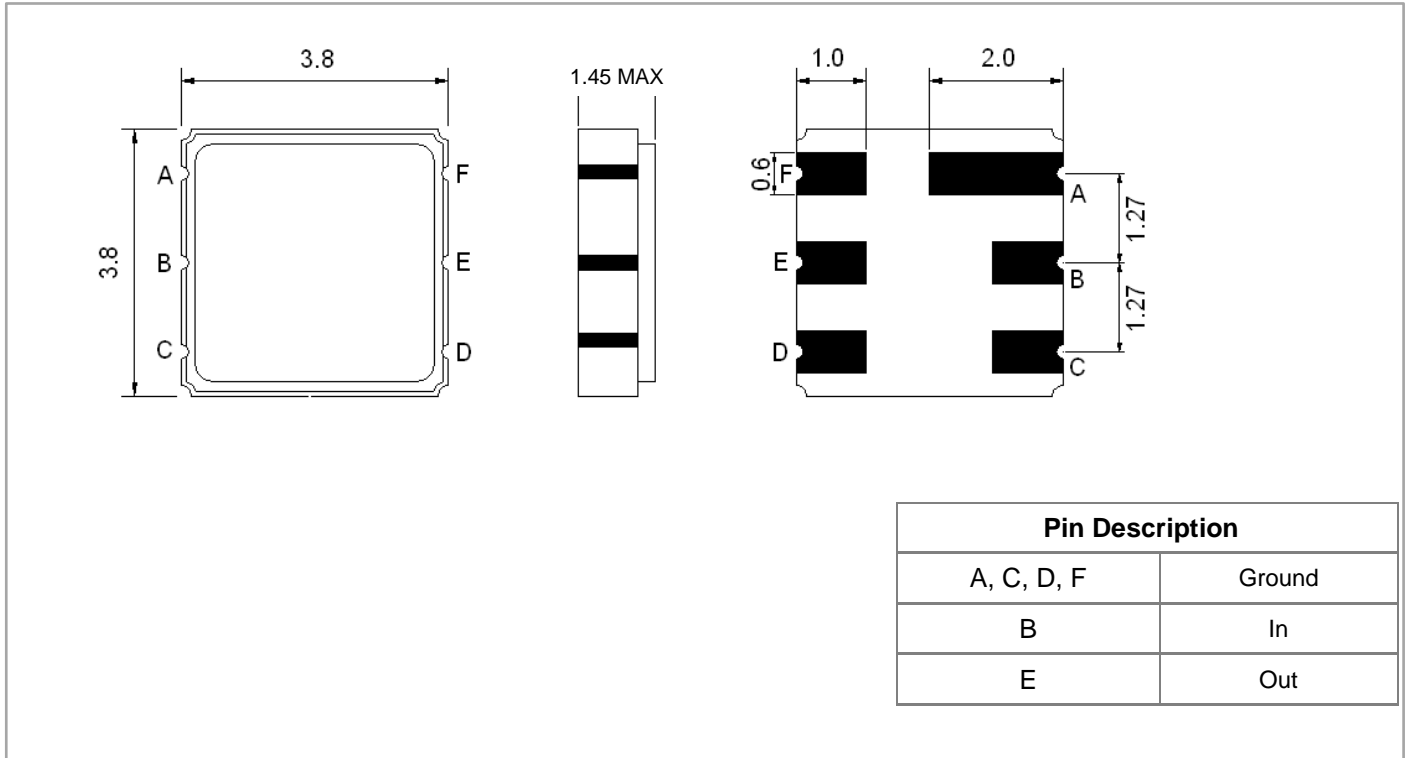
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	10
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	P			
Length x Width	mm ²	-	3.8 x 3.8	-
Height	mm	-	1.25	1.45

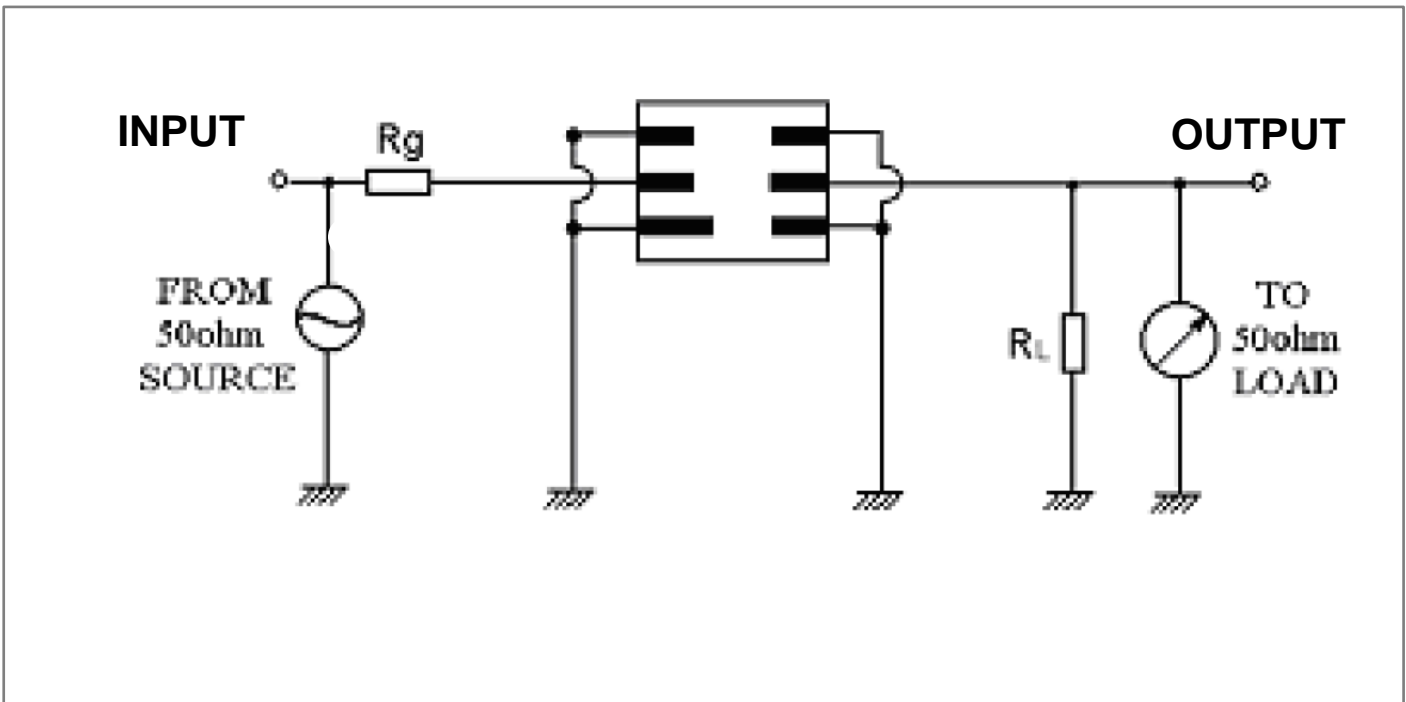
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	412.0	-
Insertion Loss within 412.0 ~ 414.0 MHz	dB	-	2.0	3.5
Amplitude Ripple 412.0 ~ 414.0 MHz	dB	-	0.8	2.0
Attenuation:				
0.3 ~ 392.0 MHz	dB	25	30	-
418.0 ~ 420.0 MHz	dB	15	30	-
420.0 ~ 1000.0 MHz	dB	25	30	-
VSWR within 412 ~ 414 MHz	-	-	1.4	2.0

Notes: (1) No Matching Network (Ref. Testing Environment Circuit as shown below).

Package Dimensions

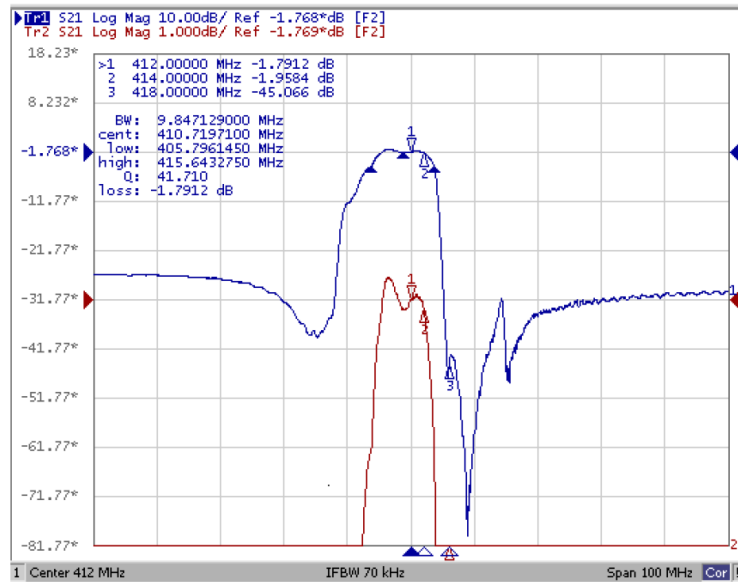


Testing Environment



Frequency Characteristics

Frequency Response



Input/Output VSWR Chart

