

- Wireless, RF SAW Filter
- Revision A

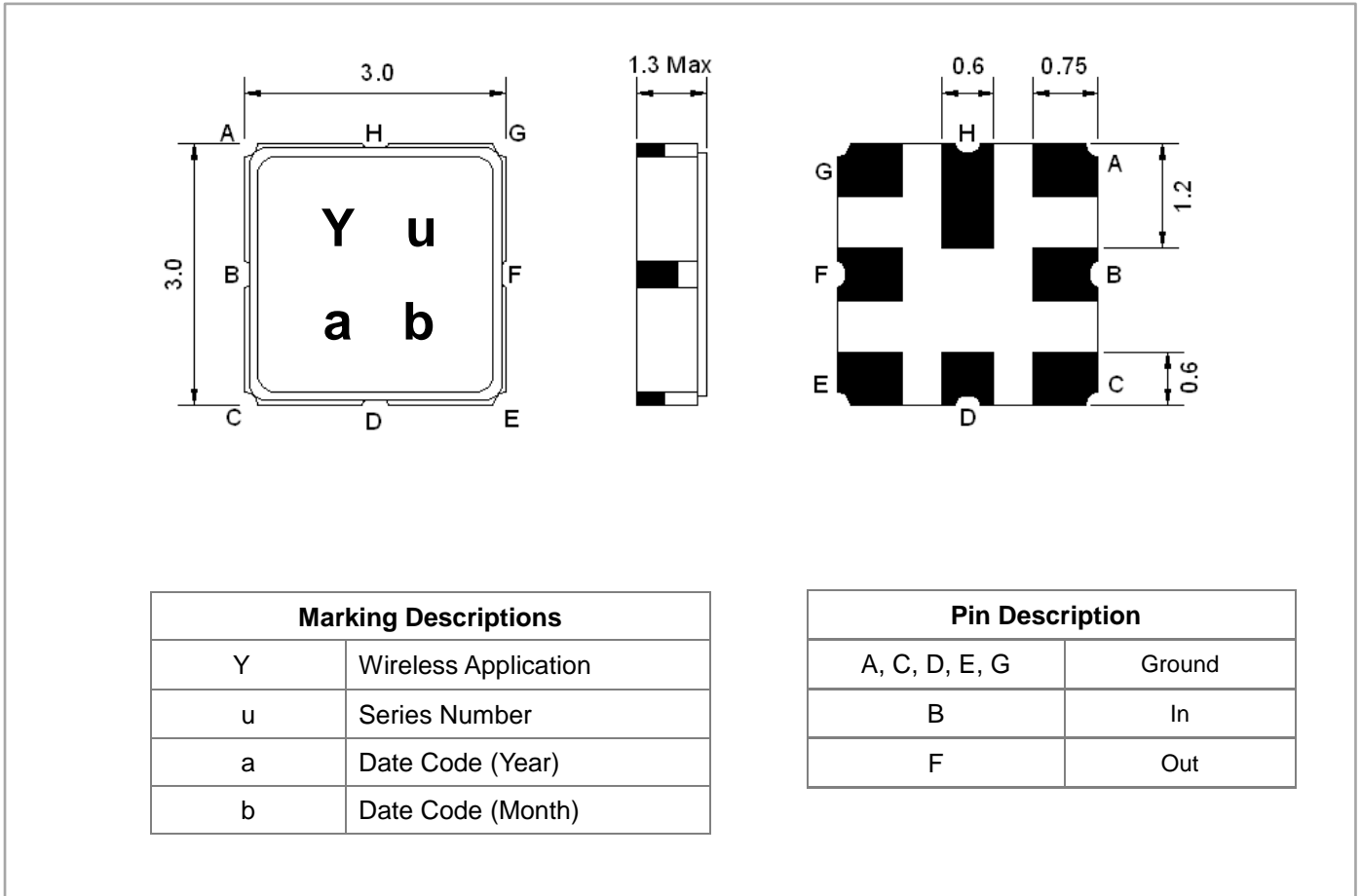
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	0	-	+50
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	M1			
Length x Width	-	-	3.0 x 3.0	-
Height	mm	-	-	1.3

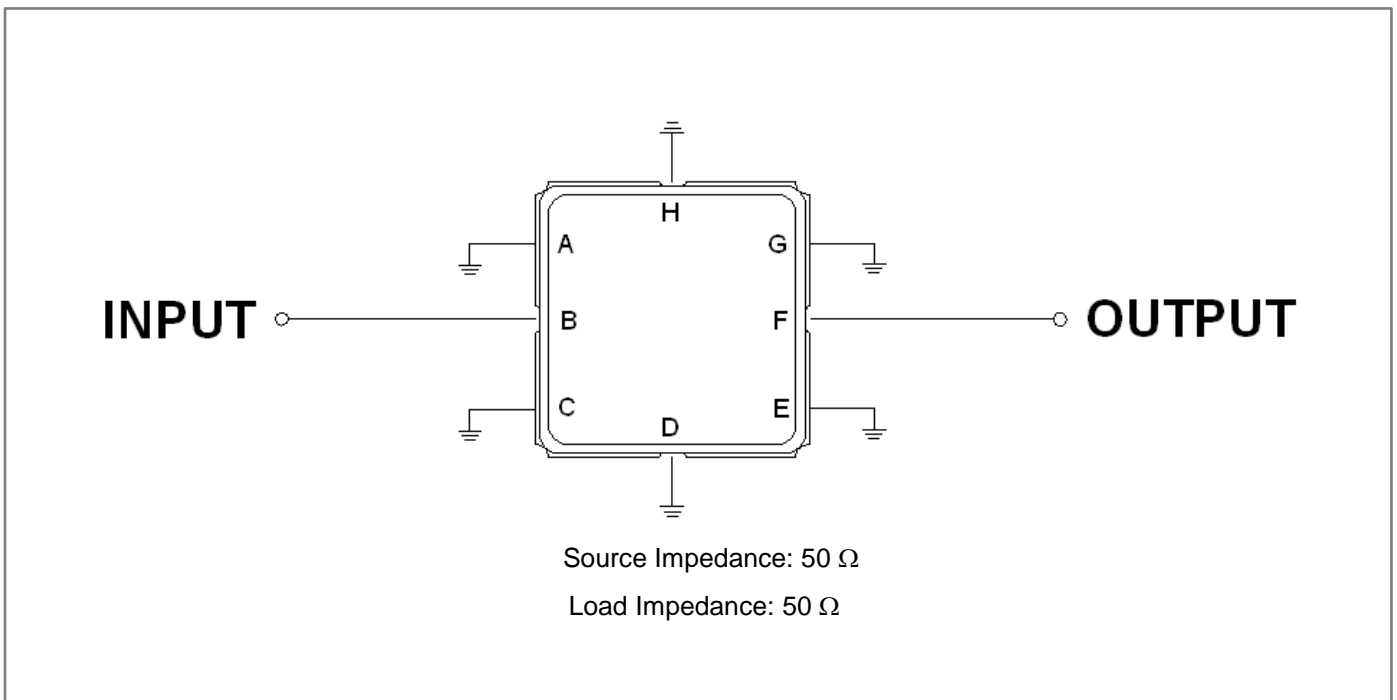
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	755.0	-
Insertion Loss within 746.0 ~ 764.0 MHz	dB	-	1.8	2.5
Amplitude Ripple within 746.0 ~ 764.0 MHz	dB _{p-p}	-	1.0	1.5
Attenuation:				
0.3~409.0 MHz (Low Side Rejection)	dB	20	30	-
409.0~427.0 MHz (Tx Image Rejection)	dB	27	31	-
577.5 ~595.5 MHz (Tx LO Rejection)	dB	27	30	-
606.0~624.0 MHz (Rx Image Rejection)	dB	25	30	-
776.0~794.0 MHz (Tx Band Rejection)	dB	30	40	-
794.0~3000.0 MHz (High Side Rejection)	dB	20	30	-
Return Loss within 746.0 ~ 764.0 MHz	dB	8	10	-

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

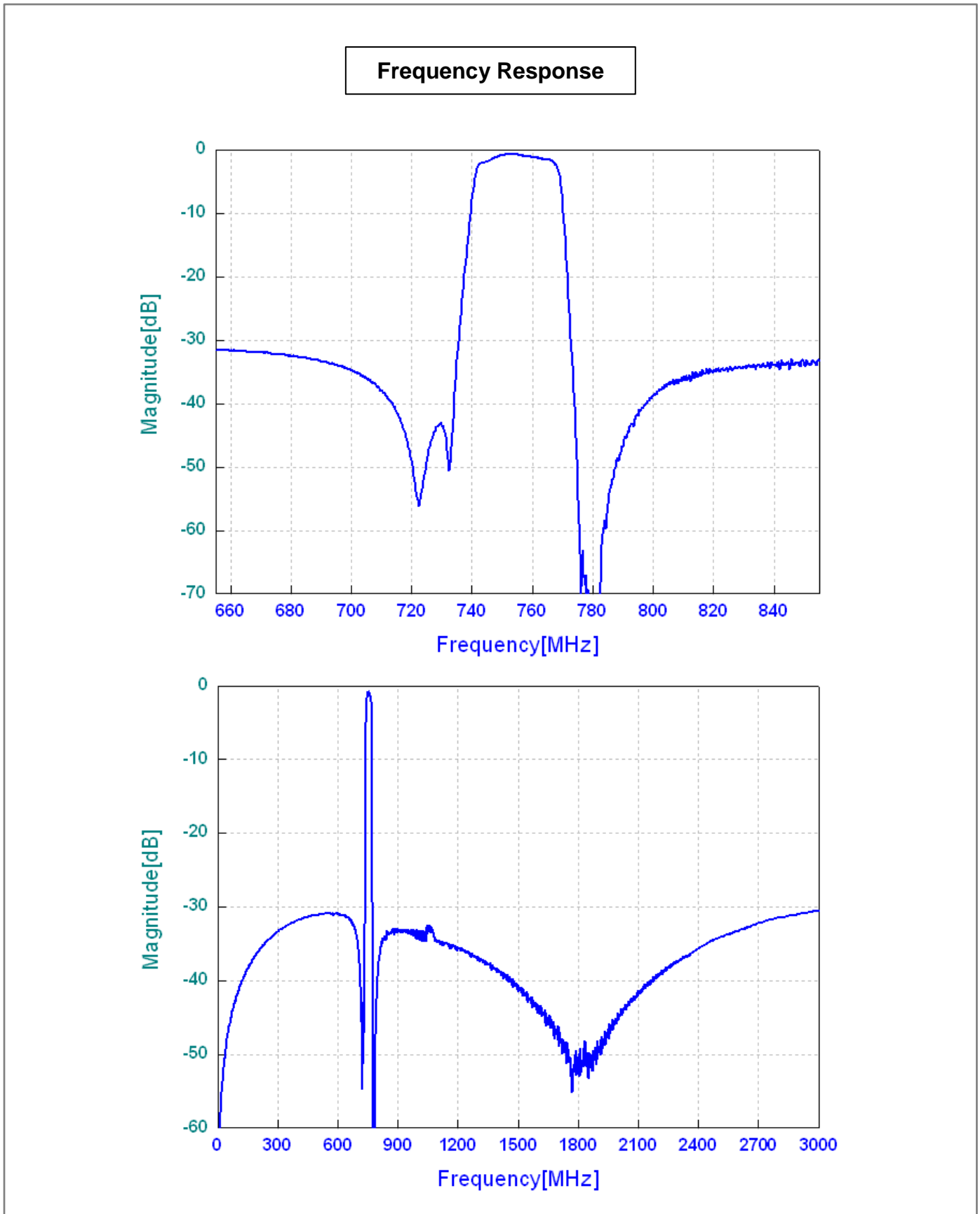
Package Dimensions



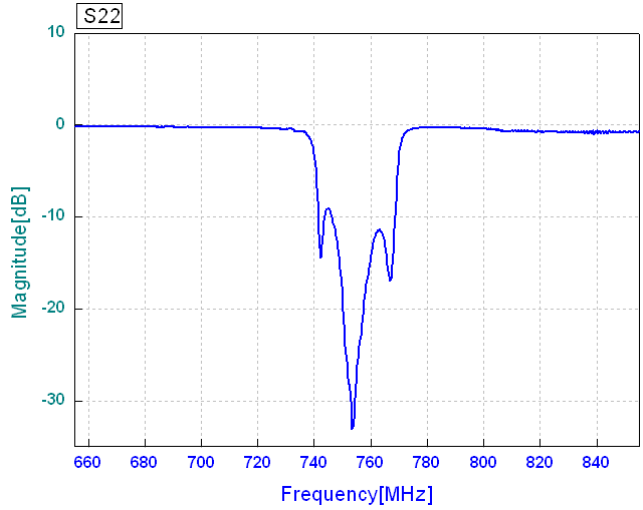
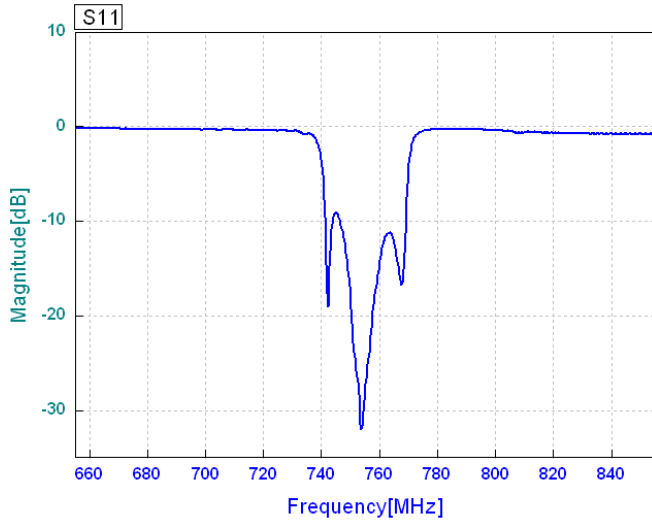
Testing Environment



Frequency Characteristics



Return Loss



Smith Chart

