

- GPS, RF SAW Filter
- Revision 0: November 2003

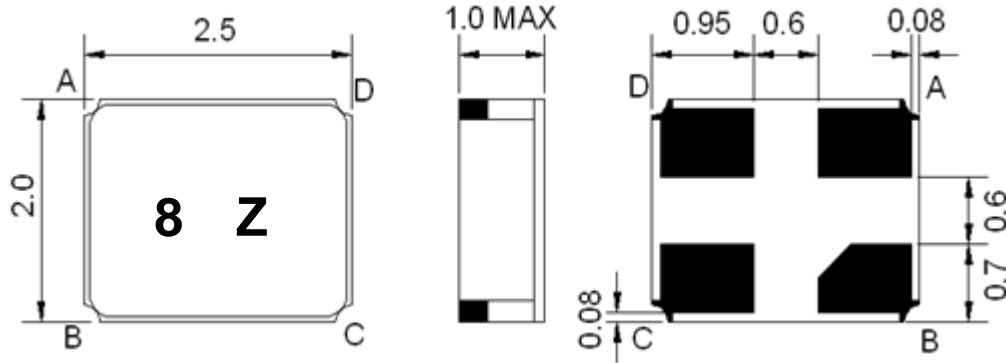
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	7.5
Maximum Input Power	dBm	-	-	20
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	L			
Length x Width	mm ²	-	2.5 x 2.0	-
Height	mm	-	-	1.0

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1575.42	-
Insertion Loss within 1574.42 ~ 1576.42 MHz	dB	-	1.0	1.5
Amplitude Ripple within 1574.42 ~ 1576.42 MHz	dB _{p-p}	-	0.1	0.5
Attenuation:				
D.C. ~ 1429 MHz	dB	19	21	-
1429 ~ 1501 MHz	dB	23	26	-
1501 ~ 1526 MHz	dB	20	25	-
1625 ~ 1650 MHz	dB	15	30	-
1650 ~ 2200 MHz	dB	21	25	-
2200 ~ 2500 MHz	dB	21	25	-
VSWR within 1574.42 ~ 1576.42 MHz	-	-	1.1	1.5

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

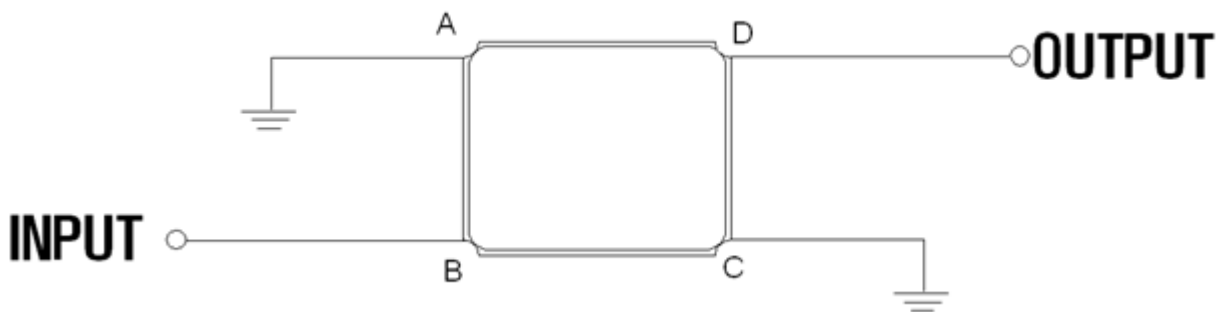
Package Dimensions



Marking Descriptions	
8	Series Number
Z	Date Code (Year+Month)

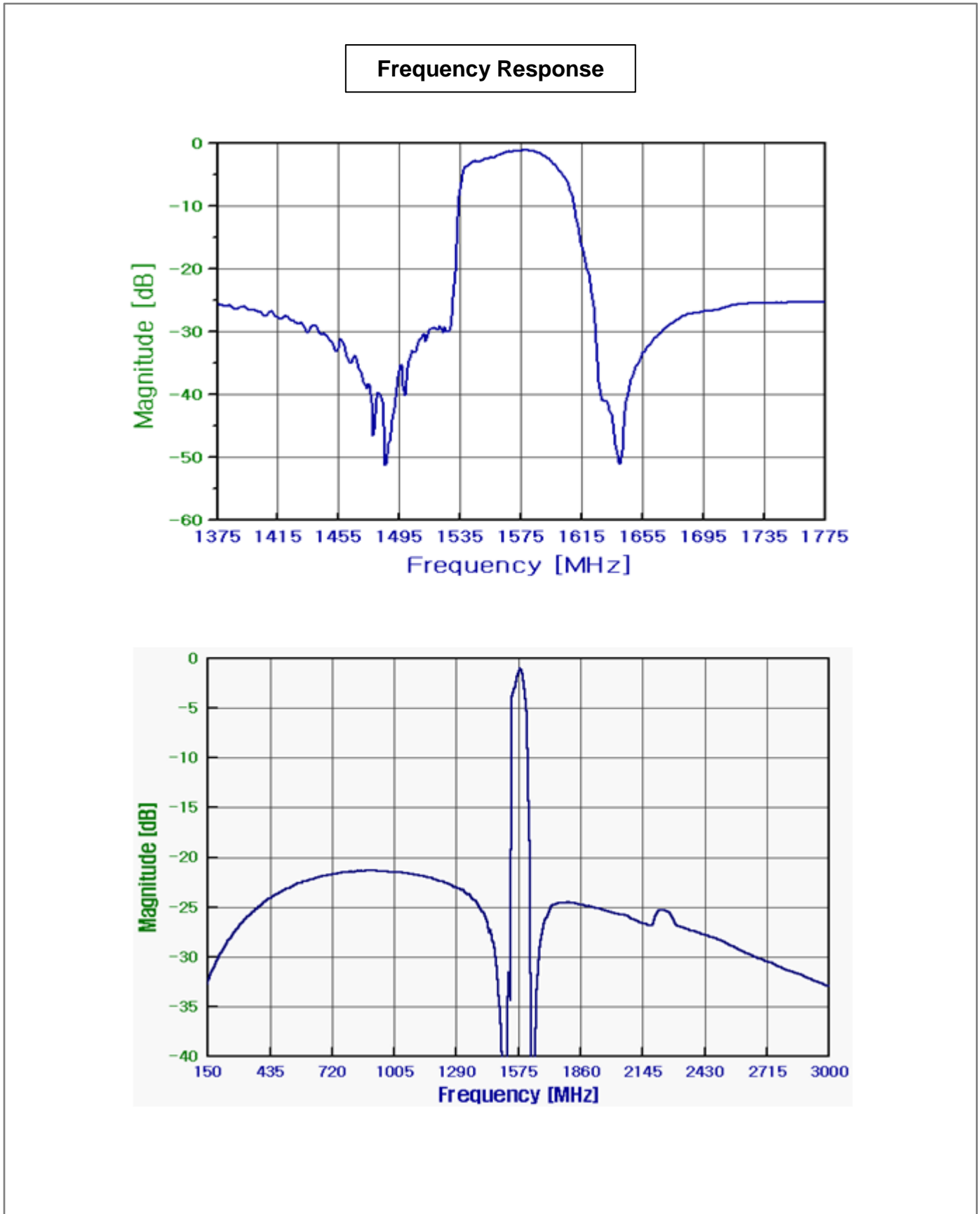
Pin Description	
A, C	Ground
B	In
D	Out

Testing Environment

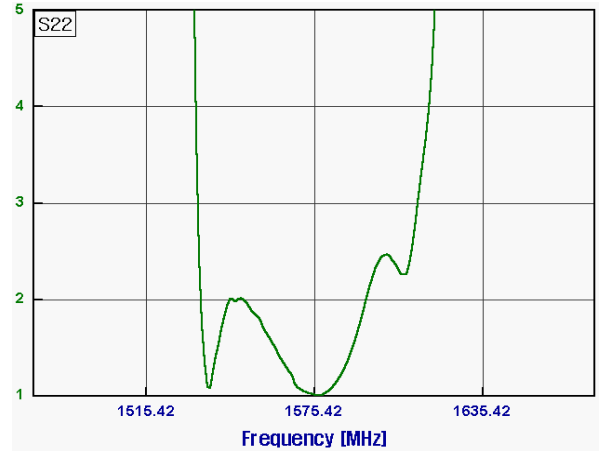
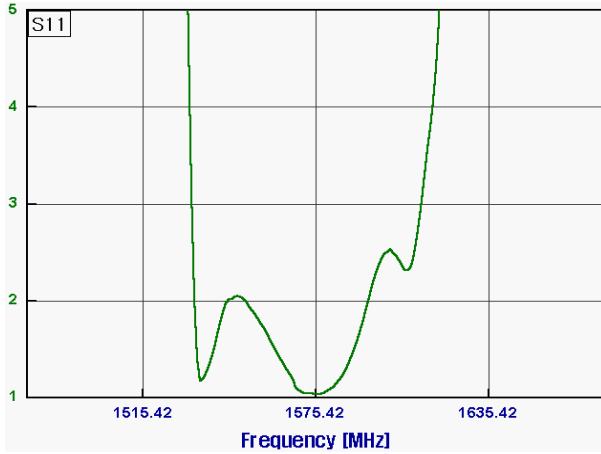


Source & Load Impedance: 50

Frequency Characteristics



VSWR



Smith Chart

