

- RF Band Pass SAW Filter
- Revision 0:

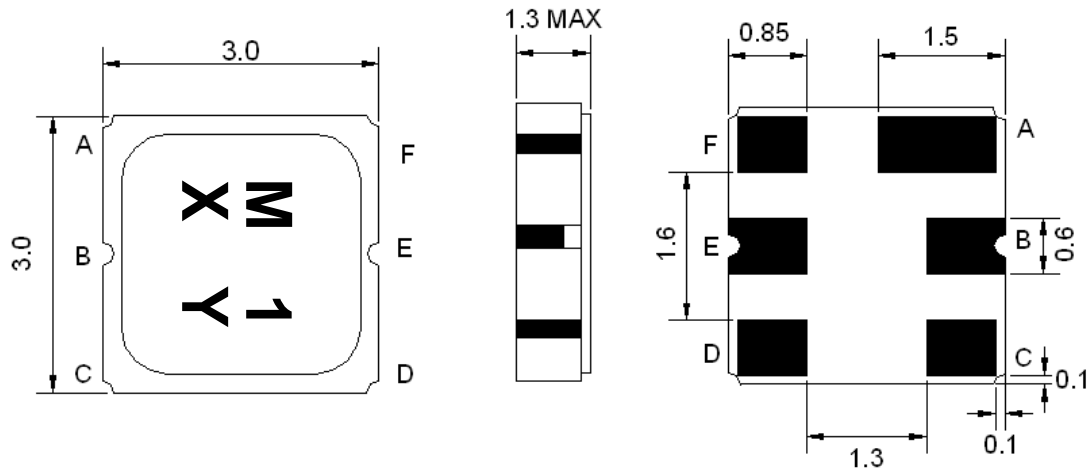
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	15
Source Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Load Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Package type & size	M			
Length x Width	mm <sup>2</sup>	-	3.0 x 3.0	-
Height	mm	-	-	1.3

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1472.0	-
Insertion Loss within 1452.0 ~ 1492.0 MHz	dB	-	3.5	4.5
Amplitude Ripple within 1452.0 ~ 1492.0 MHz	dB <sub>p-p</sub>	-	0.9	2.0
<b>Attenuation:</b>				
D.C. ~ 1300.0 MHz	dB	50	60	-
1300.0 ~ 1410.0 MHz	dB	40	50	-
1560.0 ~ 1620.0 MHz	dB	37	42	-
1620.0 ~ 2500.0 MHz	dB	35	45	-
2500.0 ~ 3000.0 MHz	dB	30	37	-
VSWR within 1452.0 ~ 1492.0 MHz	-	-	1.5	2.0

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

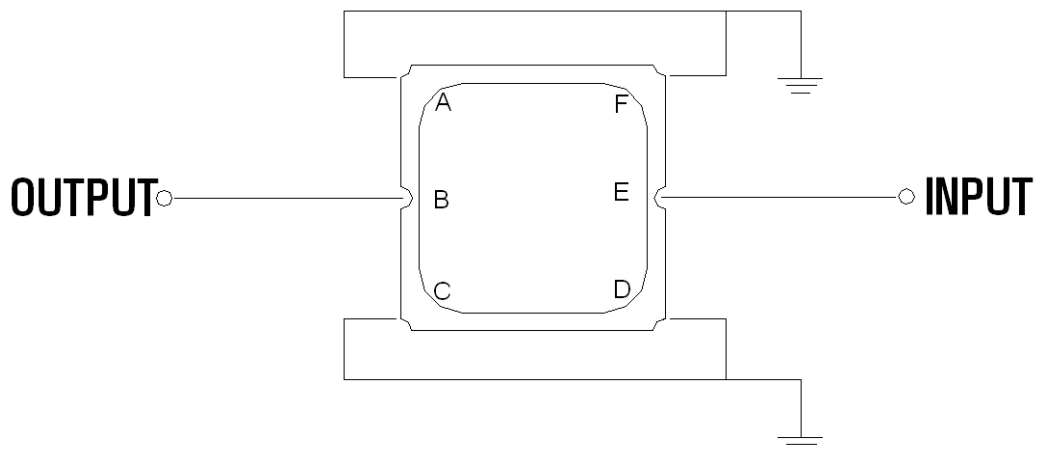
## Package Dimensions



Marking Descriptions	
M	DMB /DAB Application
1	Series Number
X	Date Code (Year)
Y	Date Code (Month)

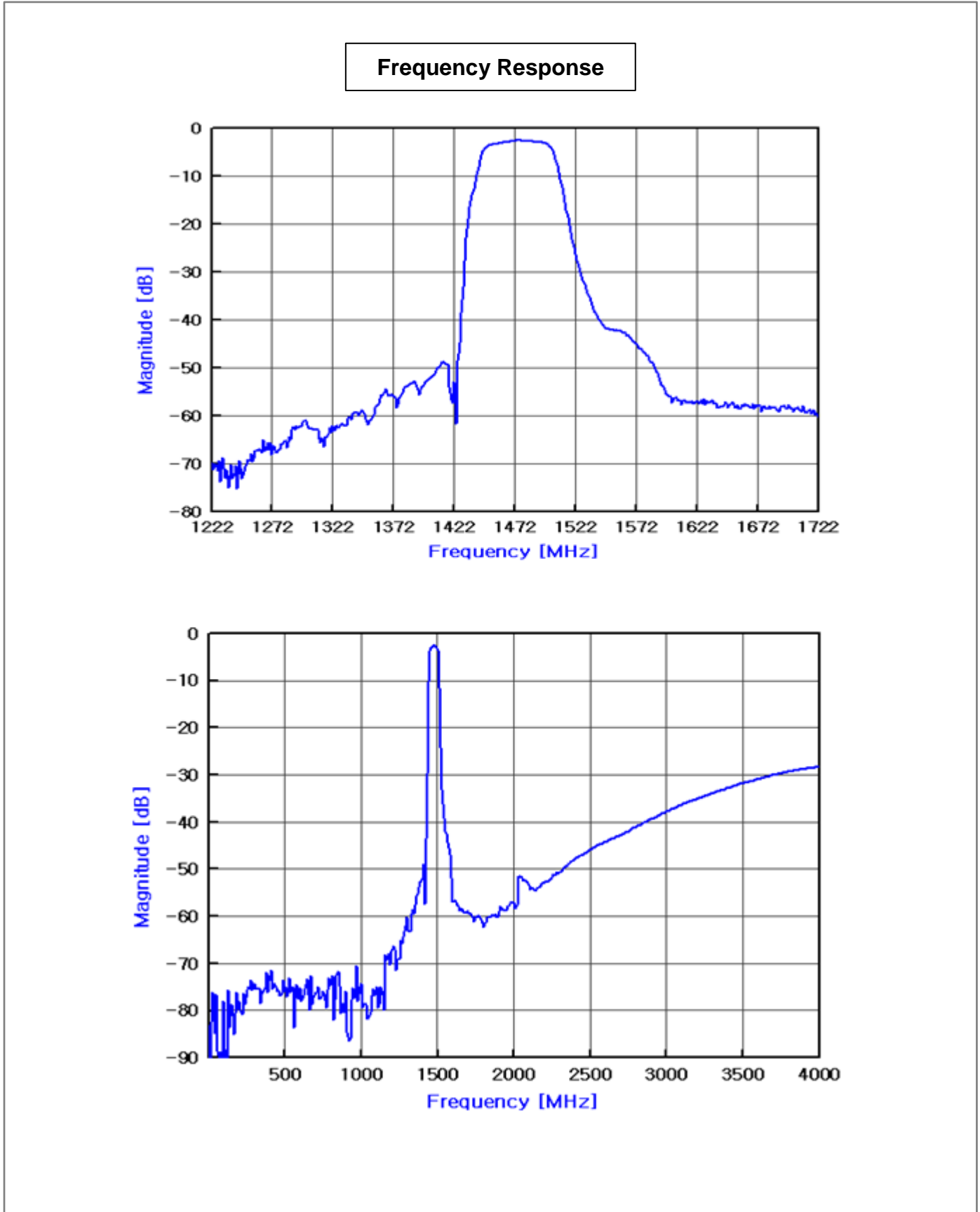
Pin Description	
A, C, D, F	Ground
E	In
B	Out

## Testing Environment

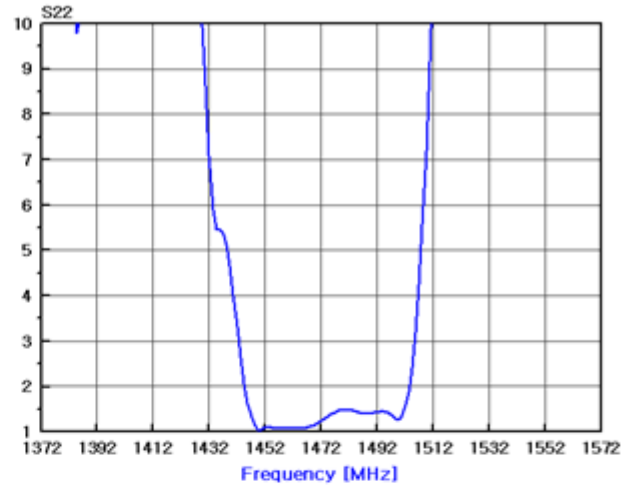
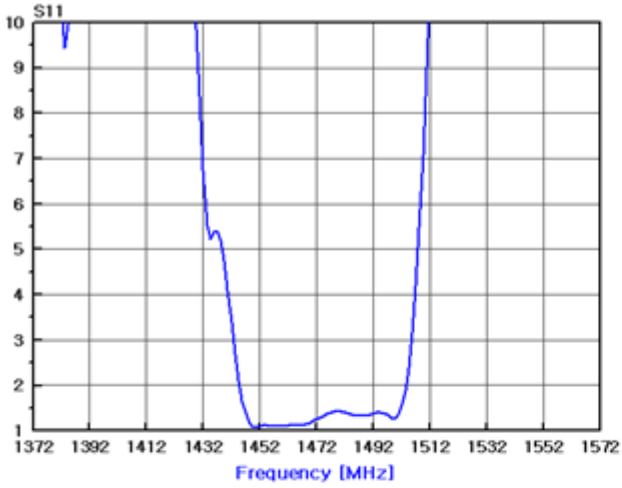


Source & Load Impedance: 50  $\Omega$

## Frequency Characteristics



## VSWR



## Smith Chart

