



Part Number	Package	Application	Last Modified
802-RF2315.0M-A	3.0 x 3.0 SMD	WIRBO	Mar. 2, 2007

TYPE :
WIRBO, RF SAW Filter



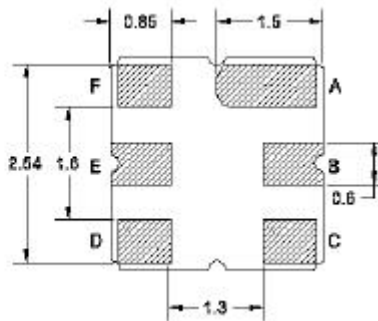
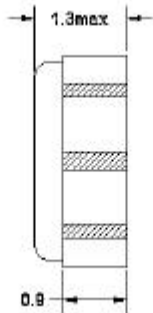
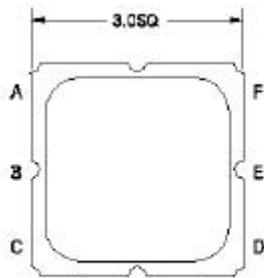
PART NUMBER :
802-RF2315.0M-A

OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

PARAMETERS	Condition	Minimum	Typical	Maximum	Units
Center Frequency (Fo)	-	-	2315.0	-	MHz
Maximum Insertion Loss	2300.0~ 2330.0 MHz	-	2.1	2.5	dB
Attenuation:	D.C, ~ 2170.0 MHz	20	27	-	dB
	2400.0~ 3400.0 MHz	25	30	-	
	3400.0~ 4500.0MHz	14	17	-	
	4500.0~ 6000.0 MHz	5	7	-	
Source Impedance (single ended)*	-	-	50	-	ohm
Load Impedance (single ended)*	-	-	50	-	ohm
VSWR	2300.0~ 2330.0 MHz	-	2.0	2.4	-
Amplitude Ripple	2300.0~ 2330.0 MHz	-	0.5	1.0	dBp-p
Maximum DC Voltage	-	-	-	0	V
Maximum Input Power	-	-	-	10	dBm
Operating Temperature	-	-30	-	+80	°C

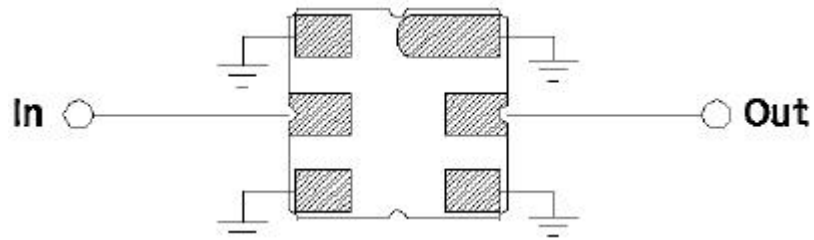
* No Matching Network(Ref. Testing Enviroment Circuit as shown below)

PACKAGE OUTLINE (mm)



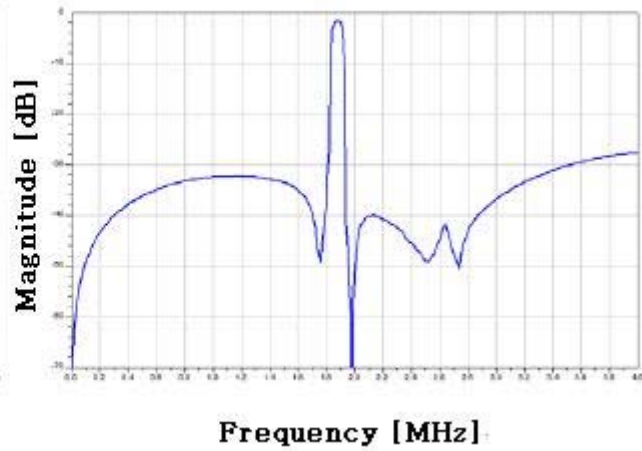
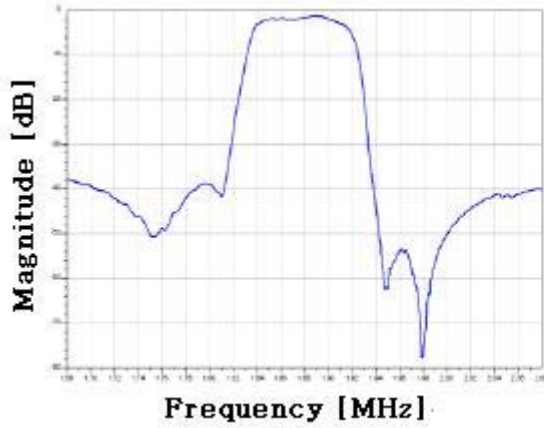
PIN LAYOUT	
A	Ground
B	Out
C	Ground
D	Ground
E	In
F	Ground

TEST FIXTURE

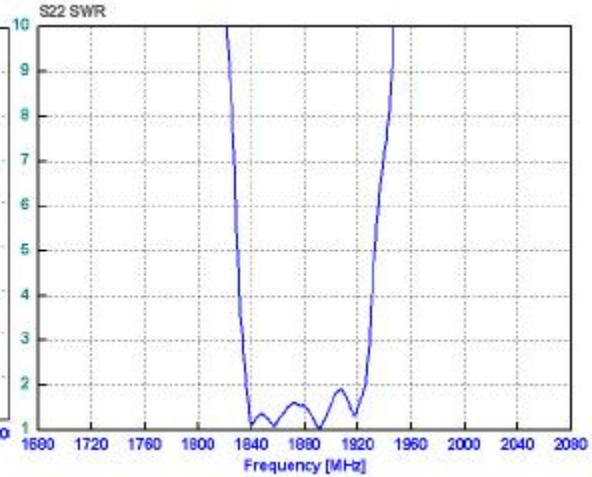
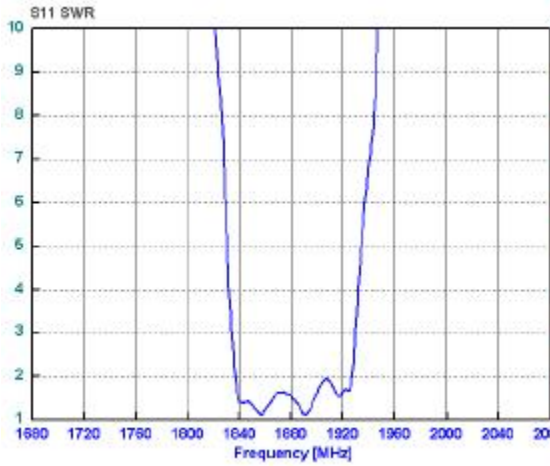


Load/ Source Impedance = 50 ohms

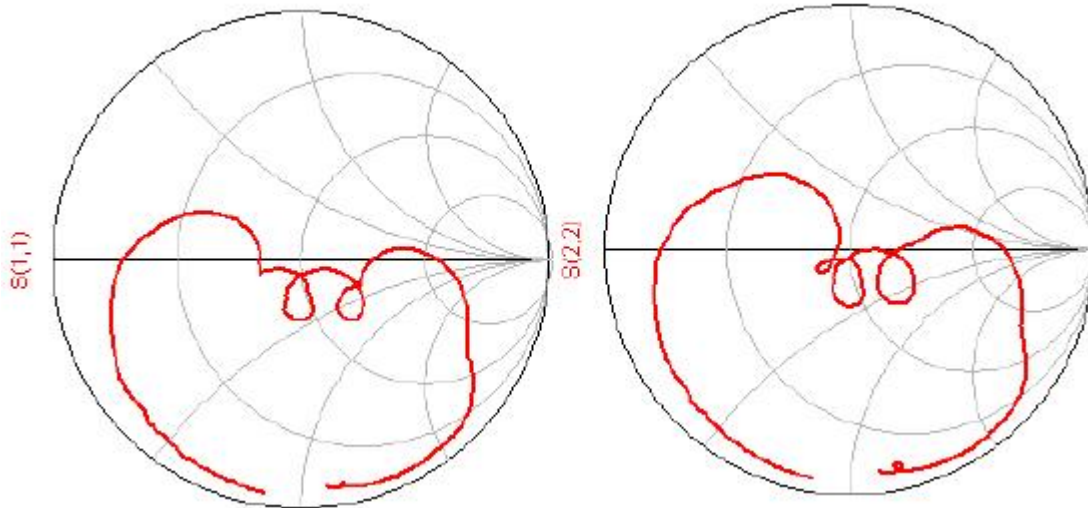
FREQUENCY RESPONSE



VSWR



SMITH CHART



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Part No.: 802-RF2315.0M-A