



Part Number	Package	Application	Last Modified
802-RF2140.0M-A02	3.0 x 3.0 SMD	WCDMA	Mar. 14, 2007

TYPE :
WCDMA, RF-Rx SAW Filter



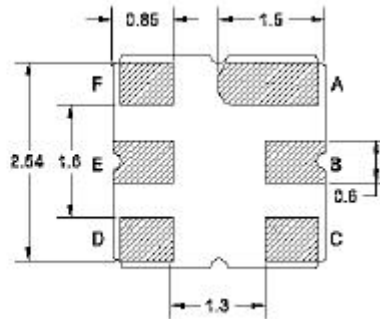
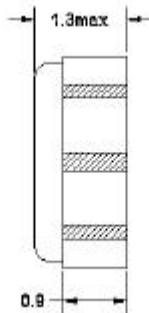
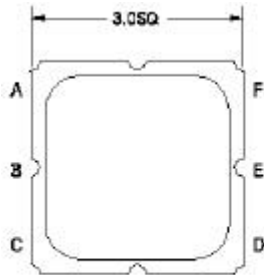
PART NUMBER :
802-RF2140.0M-A02

OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

PARAMETERS	Condition	Minimum	Typical	Maximum	Units
Center Frequency (Fo)	-	-	2140.0	-	MHz
Maximum Insertion Loss	2130.0~ 2150.0 MHz	-	2.3	3.5	dB
Attenuation:	D.C,~ 500.0 MHz	21	35	-	dB
	500.0~ 1900.0 MHz	20	30	-	
	1900.0~ 2050.0MHz	25	34	-	
	2070.0 MHz	38	42	-	
	2240.0~ 2300.0 MHz	25	38	-	
	2300.0~ 4500.0 MHz	20	28	-	
Source Impedance (single ended)*	-	-	50	-	ohm
Load Impedance (single ended)*	-	-	50	-	ohm
VSWR	2130.0~ 2150.0 MHz	-	1.7	2.3	-
Amplitude Ripple	2130.0~ 2150.0 MHz	-	0.5	1.5	dBp-p
Maximum DC Voltage	-	-	-	7.5	V
Maximum Input Power	-	-	-	15	dBm
Operating Temperature	-	-5	-	+70	°C

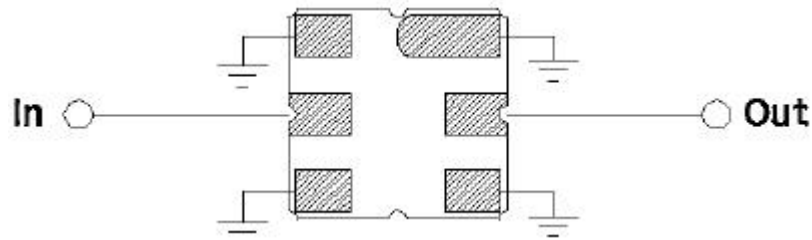
* No Matching Network(Ref. Testing Enviroment Circuit as shown below)

PACKAGE OUTLINE (mm)



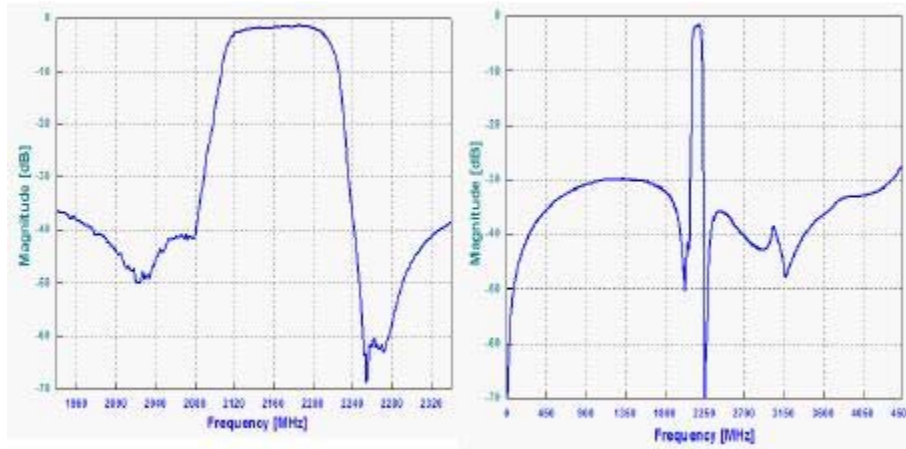
PIN LAYOUT	
A	Ground
B	Out
C	Ground
D	Ground
E	In
F	Ground

TEST FIXTURE

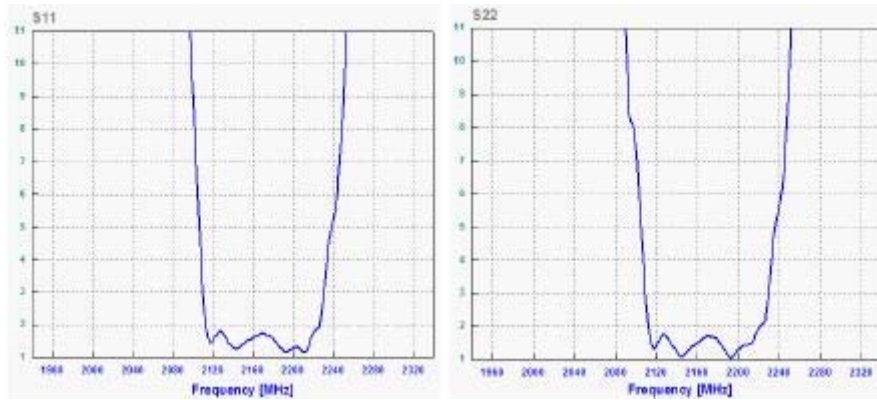


Load/ Source Impedance = 50 ohms

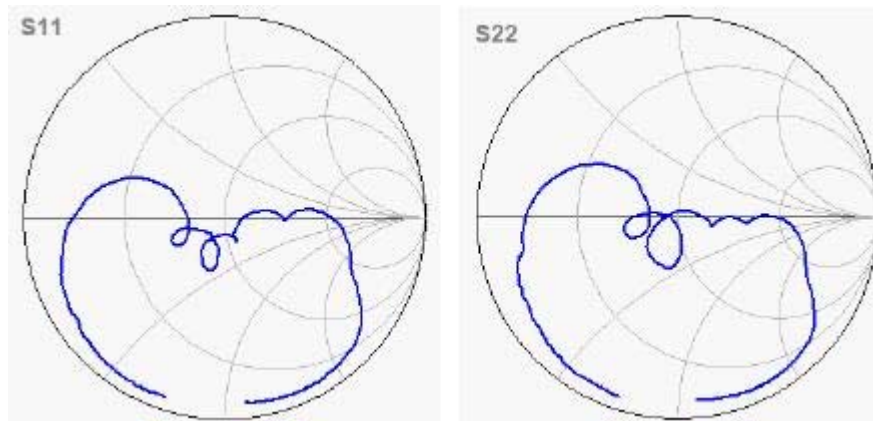
FREQUENCY RESPONSE



VSWR



SMITH CHART



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