



Part Number	Package	Application	Last Modified
802-RF1747.5M-A	3.0 x 3.0 SMD	PCN	Mar. 2, 2007

TYPE :
PCN, RF SAW Filter



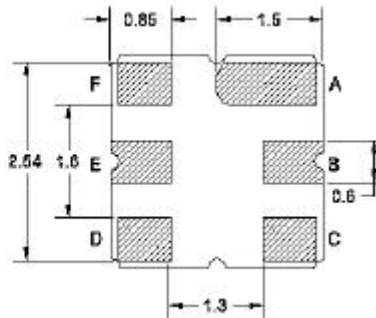
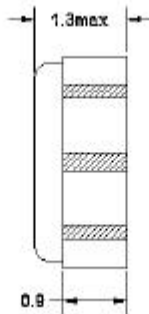
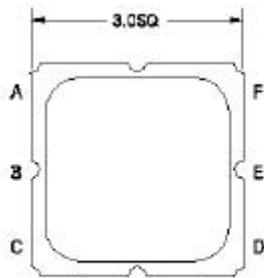
PART NUMBER :
802-RF1747.5M-A

OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

PARAMETERS	Condition	Minimum	Typical	Maximum	Units
Center Frequency (Fo)	-	-	1747.5	-	MHz
Maximum Insertion Loss	1710.0~ 1785.0 MHz	-	3.2	4.0	dB
Attenuation:	DC~ 1670.0 MHz	18	23	-	dB
	1670.0~ 1680.0 MHz	15	40	-	
	1805.0~ 1880.0MHz	5	8	-	
	1880.0~ 4500.0 MHz	20	25	-	
	4500.0~ 5200.0 MHz	15	20	-	
Source Impedance (single ended)*	-	-	50	-	ohm
Load Impedance (single ended)*	-	-	50	-	ohm
VSWR	1710.0~ 1785.0 MHz	-	3.0	3.5	-
Amplitude Ripple	1710.0~ 1785.0 MHz	-	1.9	2.5	dBp-p
Maximum DC Voltage	-	-	-	0	V
Maximum Input Power	-	-	-	5	dBm
Operating Temperature	-	-20	-	+70	°C

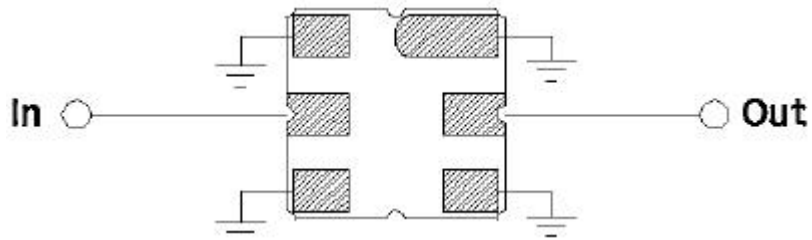
* No Matching Network(Ref. Testing Enviroment Circuit as shown below)

PACKAGE OUTLINE (mm)



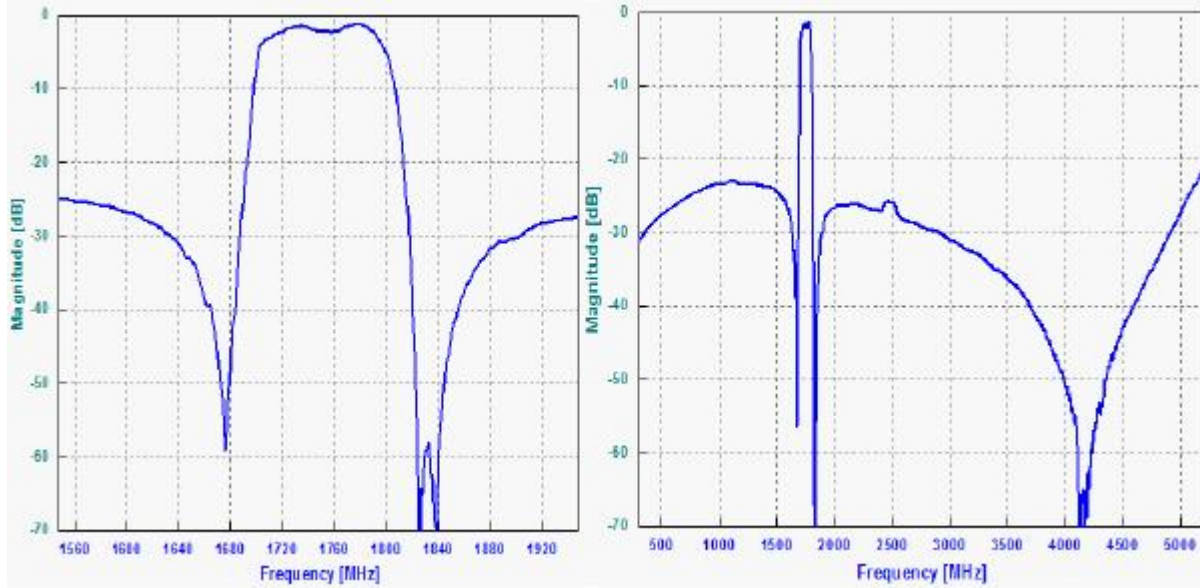
PIN LAYOUT	
A	Ground
B	Out
C	Ground
D	Ground
E	In
F	Ground

TEST FIXTURE

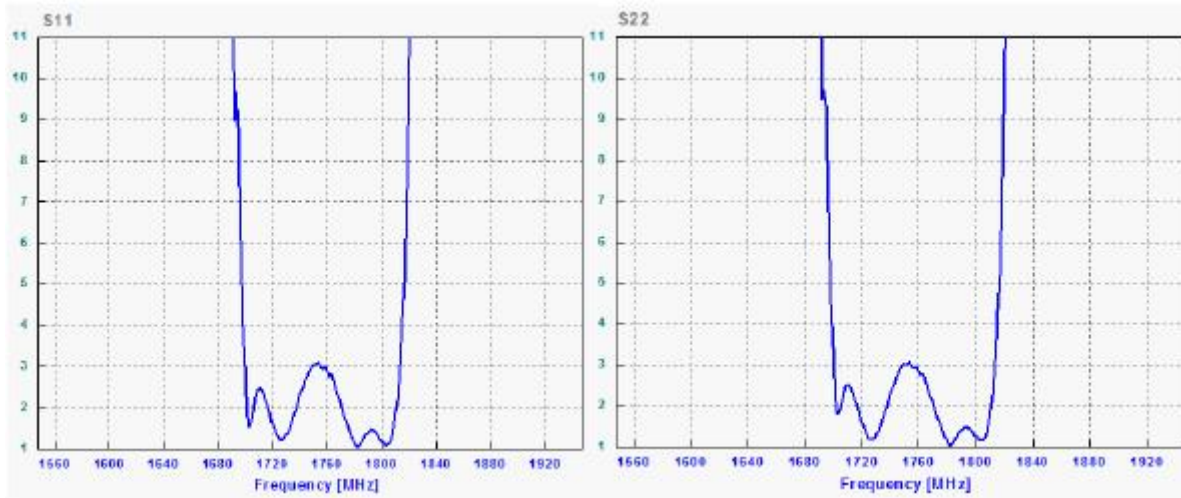


Load/ Source Impedance = 50 ohms

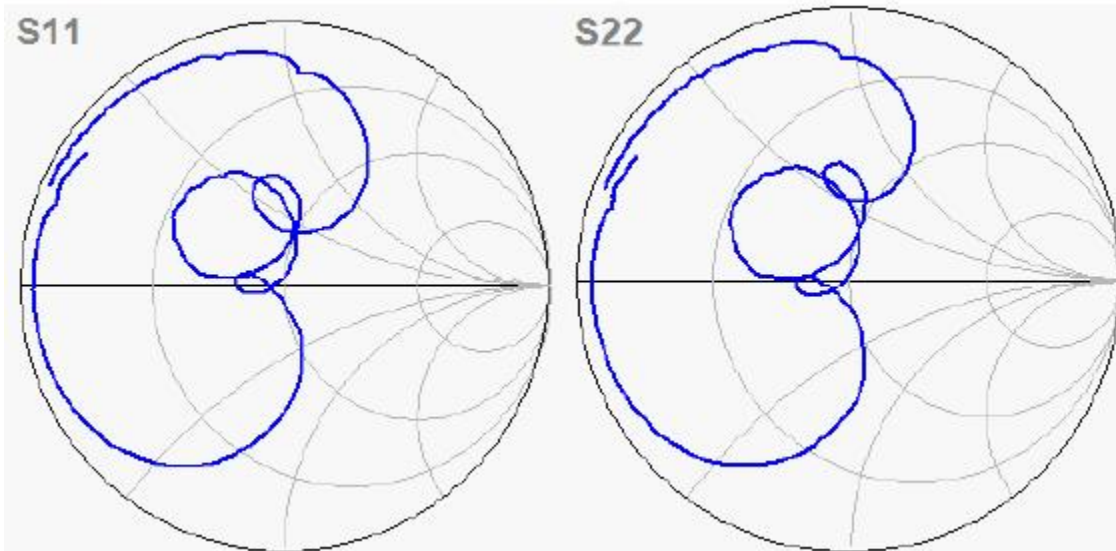
FREQUENCY RESPONSE



VSWR



SMITH CHART



Oscilent Corporation - CALL **949.252.0522**
18195 East McDermott Street . Building D . Irvine . CA 92614 . USA
Fax: 949.252.0599 . E-Mail: Sales@Oscilent.com

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