



Part Number	Package	Application	Last Modified
802-RF1765.0M-D	3.0 x 3.0 SMD	K-PCS	Mar. 2, 2007

TYPE :
K-PCS, RF-Tx SAW Filter



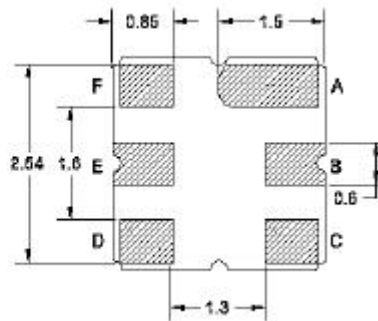
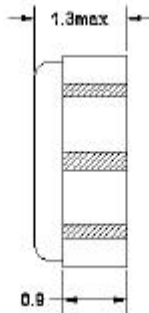
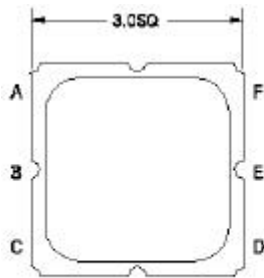
PART NUMBER :
802-RF1765.0M-D

OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

PARAMETERS	Condition	Minimum	Typical	Maximum	Units
Center Frequency (Fo)	-	-	1765.0	-	MHz
Maximum Insertion Loss	1750.0~ 1780.0 MHz	-	2.4	3.2	dB
Attenuation:	1350.0~ 1380.0 MHz	35	40	-	dB
	1660.0~ 1690.0 MHz	35	40	-	
	1840.0~ 1870.0MHz	40	45	-	
	2150.0~ 2180.0 MHz	40	50	-	
Source Impedance (single ended)*	-	-	50	-	ohm
Load Impedance (single ended)*	-	-	50	-	ohm
VSWR	1750.0~ 1780.0 MHz	-	1.6	2.0	-
Amplitude Ripple	1750.0~ 1780.0 MHz	-	1.0	1.5	dBp-p
Maximum DC Voltage	-	-	-	7.5	V
Maximum Input Power	-	-	-	15	dBm
Operating Temperature	-	-30	-	+85	°C

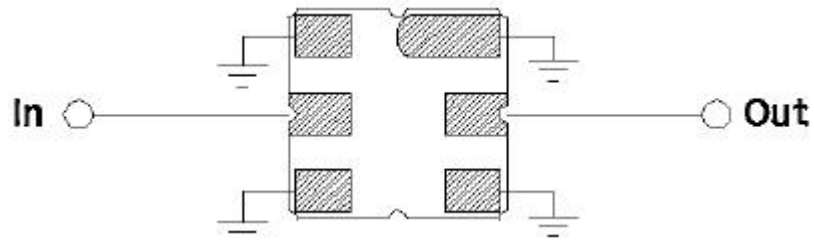
* No Matching Network(Ref. Testing Enviroment Circuit as shown below)

PACKAGE OUTLINE (mm)



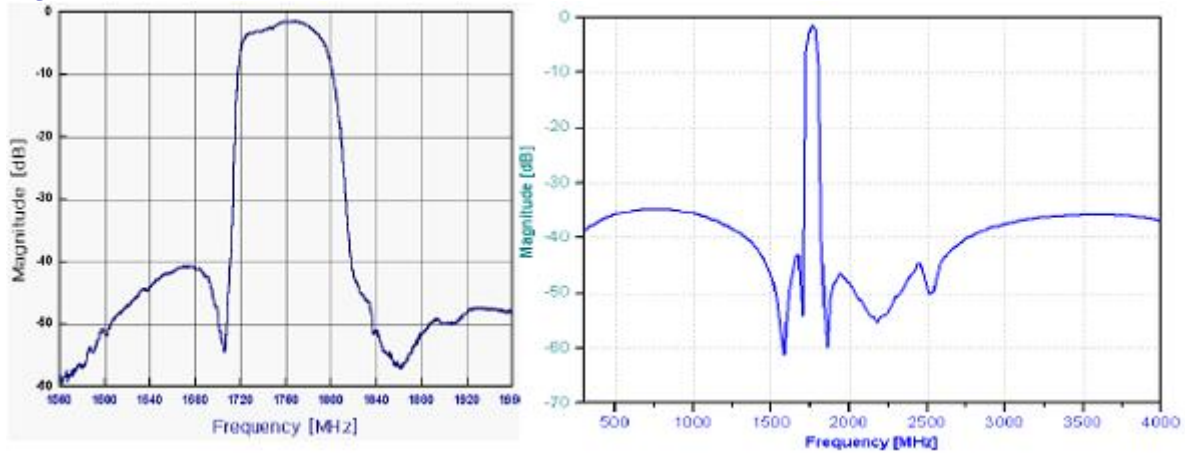
PIN LAYOUT	
A	Ground
B	Out
C	Ground
D	Ground
E	In
F	Ground

TEST FIXTURE

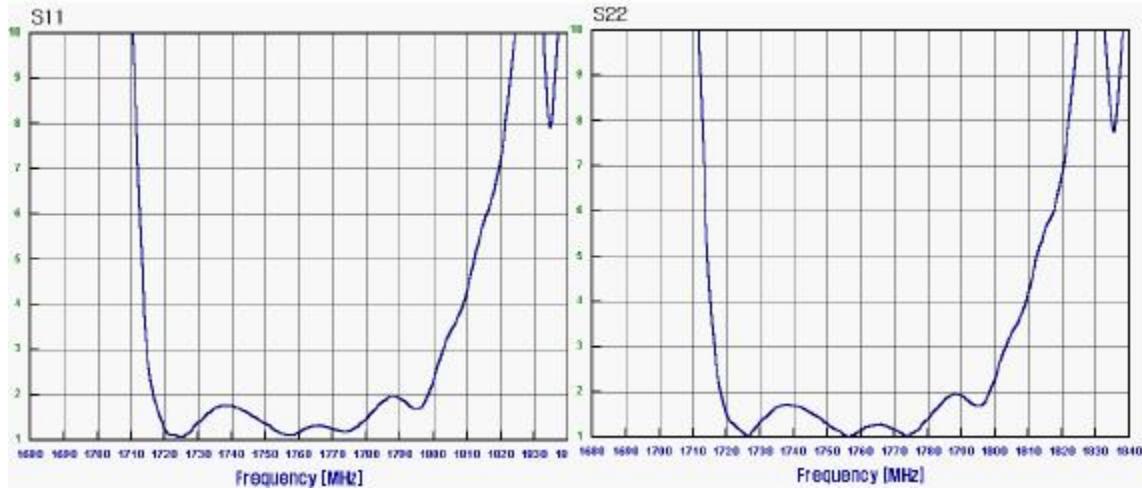


Load/ Source Impedance = 50 ohms

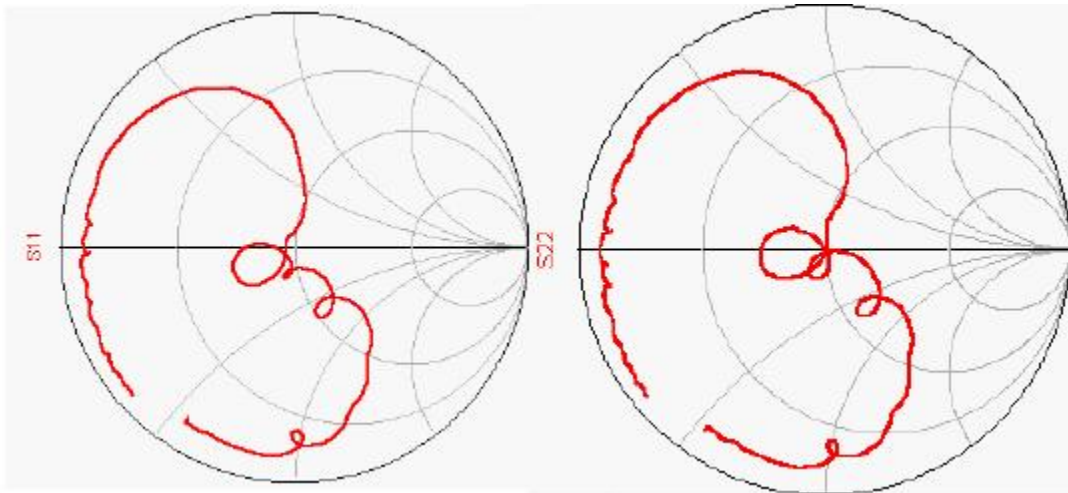
FREQUENCY RESPONSE



VSWR



SMITH CHART



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