



Part Number	Package	Application	Last Modified
802-RF1855.0M-D	3.0 x 3.0 SMD	K-PCS	Mar. 2, 2007

TYPE :  
K-PCS, RF-Rx SAW Filter



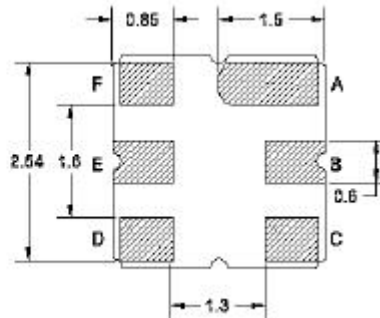
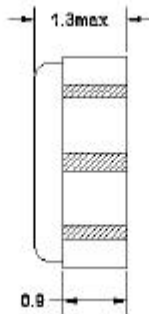
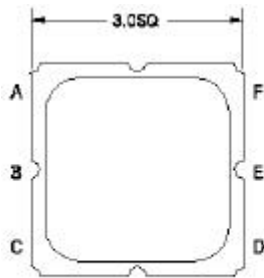
PART NUMBER :  
**802-RF1855.0M-D**

**OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**

PARAMETERS	Condition	Minimum	Typical	Maximum	Units
Center Frequency (Fo)	-	-	1855.0	-	MHz
Maximum Insertion Loss	1840.0~ 1870.0 MHz	-	2.3	3.0	dB
Attenuation:	1440.0~ 1470.0 MHz	35	43	-	dB
	1750.0~ 1780.0 MHz	35	40	-	
	1930.0~ 1960.0MHz	40	45	-	
	2240.0~ 2270.0 MHz	40	48	-	
Source Impedance (single ended)*	-	-	50	-	ohm
Load Impedance (single ended)*	-	-	50	-	ohm
VSWR	1840.0~ 1870.0 MHz	-	1.6	2.0	dBp-p
Amplitude Ripple	1840.0~ 1870.0 MHz	-	0.8	1.5	dBp-p
Maximum DC Voltage	-	-	-	7.5	V
Maximum Input Power	-	-	-	15	dBm
Operating Temperature	-	-30	-	+85	°C

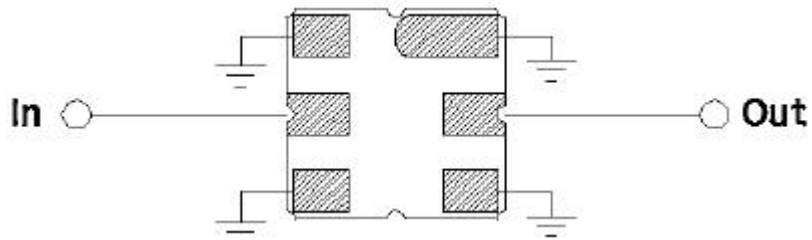
\* No Matching Network(Ref. Testing Enviroment Circuit as shown below)

**PACKAGE OUTLINE (mm)**



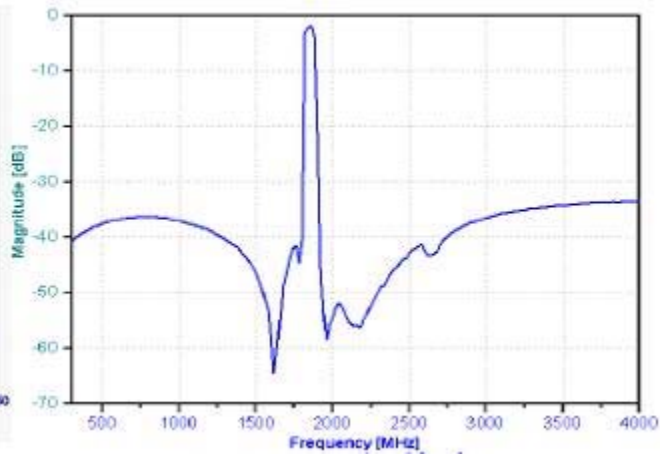
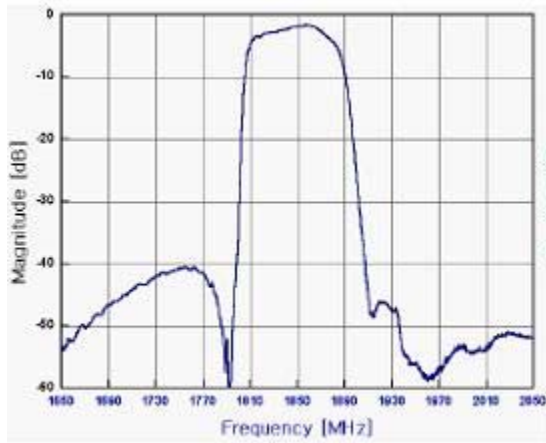
PIN LAYOUT	
A	Ground
B	Out
C	Ground
D	Ground
E	In
F	Ground

**TEST FIXTURE**

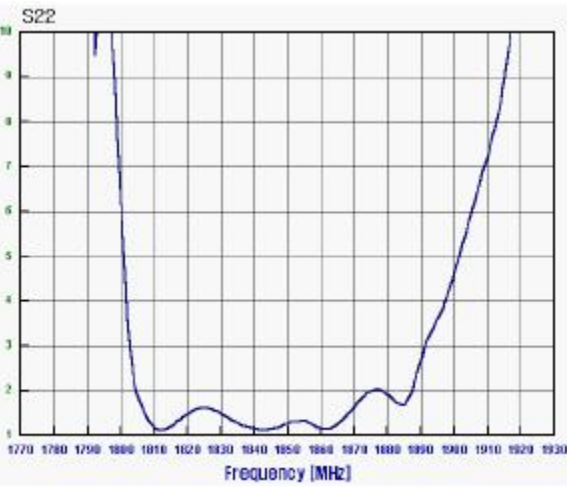
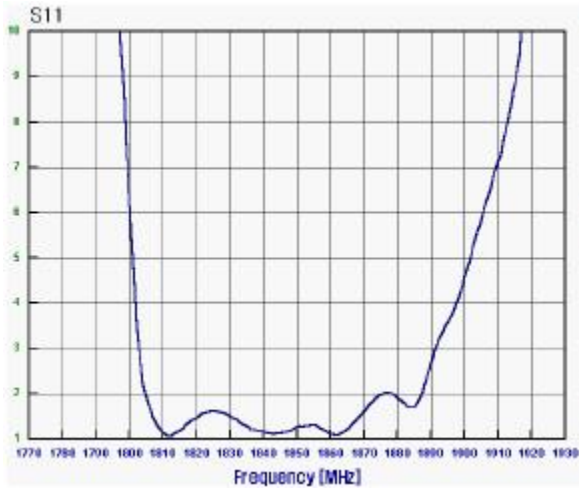


Load/ Source Impedance = 50 ohms

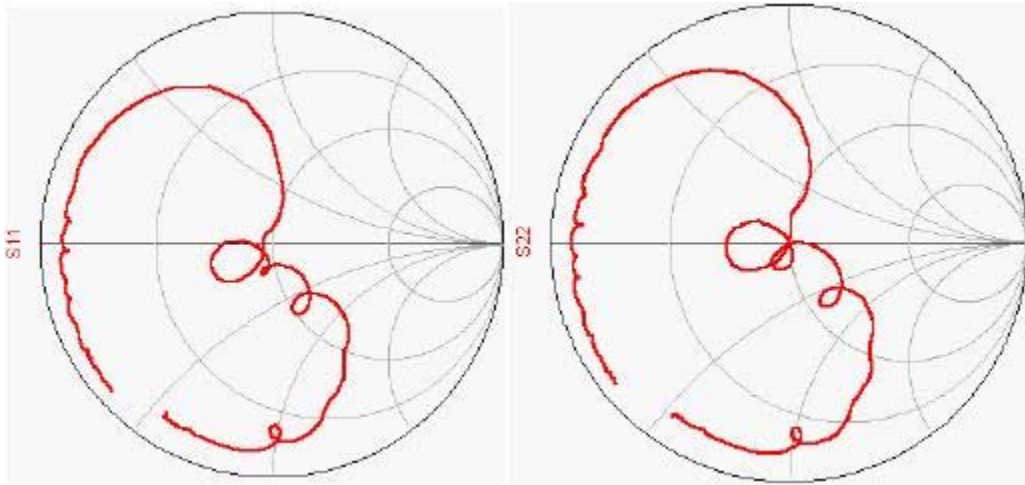
### FREQUENCY RESPONSE



### VSWR



### SMITH CHART



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**Part No.:** 802-RF1855.0M-D