



Part Number	Package	Application	Last Modified
801-RF881.5M-D	2.5 x 2.0 SMD	CDMA	Mar. 2, 2007

TYPE :
CDMA, RF-Rx SAW Filter

PART NUMBER :
801-RF881.5M-D

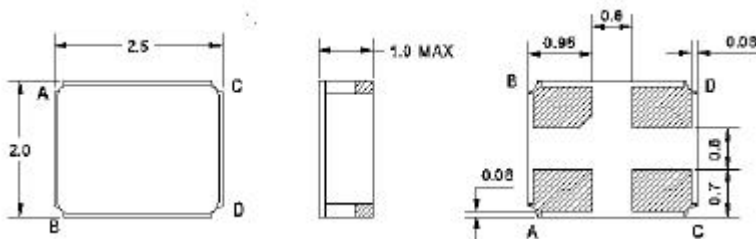


OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

PARAMETERS	Condition	Minimum	Typical	Maximum	Units
Center Frequency (Fo)	-	-	881.5	-	MHz
Maximum Insertion Loss	869.0~ 894.0 MHz	-	2.4	2.8	dB
Stop Band Attenuation:	DC~ 840.0 MHz	45	51	-	dB
	840.0~851.0 MHz	40	45	-	
	914.0~ 924.0MHz	20	26	-	
	924.0~ 950.0 MHz	34	39	-	
	950.0~ 997.0 MHz	40	49	-	
	997.0~ 2200.0 MHz	40	47	-	
2200.0~ 3000.0 MHz	27	30	-	-	
Source Impedance (single ended)*	-	-	50	-	ohm
Load Impedance (single ended)*	-	-	50	-	ohm
VSWR	869.0~ 894.0 MHz	-	1.7	2.1	dBp-p
Amplitude Ripple	869.0~ 894.0 MHz	-	0.65	1.2	dBp-p
Maximum DC Voltage	-	-	-	5	V
Maximum Input Power	-	-	-	15	dBm
Operating Temperature	-	-30	-	+80	°C

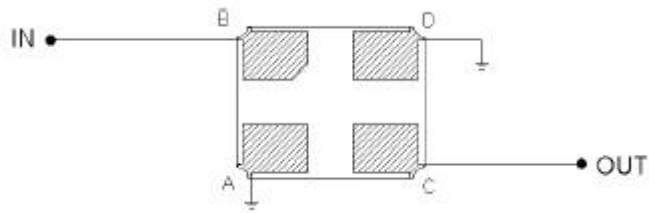
* No Matching Network(Ref. Testing Enviroment Circuit as shown below)

PACKAGE OUTLINE (mm)



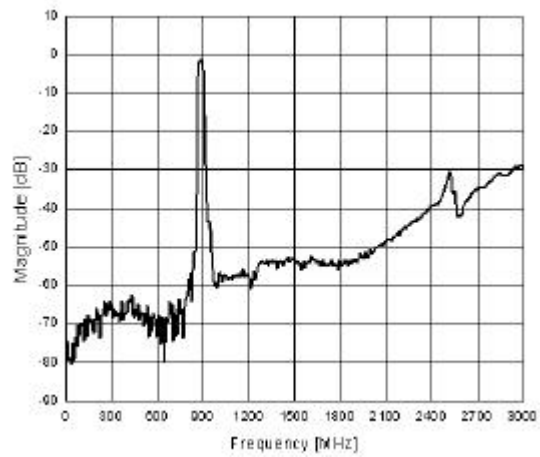
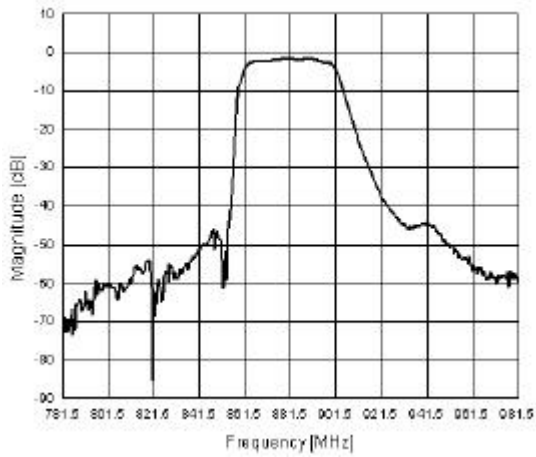
PIN LAYOUT	
A	Ground
B	In
C	Out
D	Ground

TEST FIXTURE

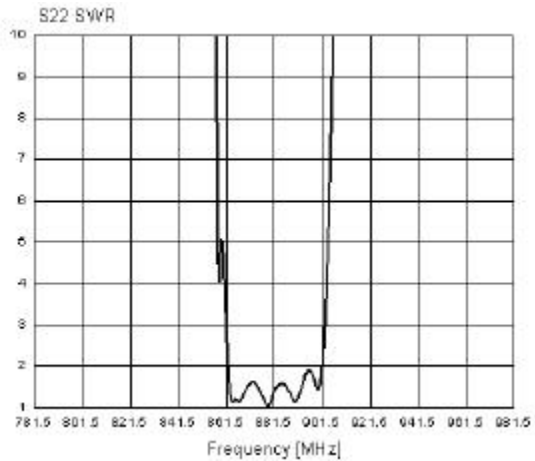
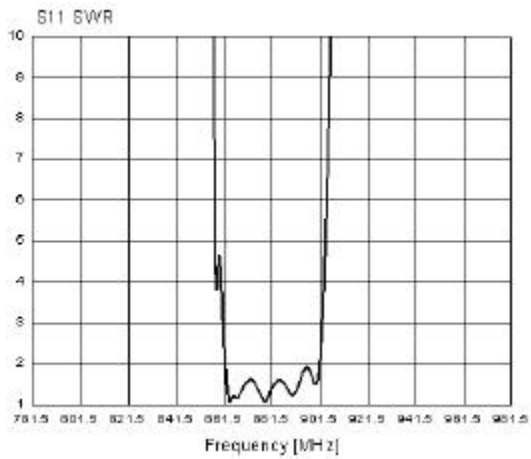


Load/ Source Impedance = 50 ohms

FREQUENCY RESPONSE

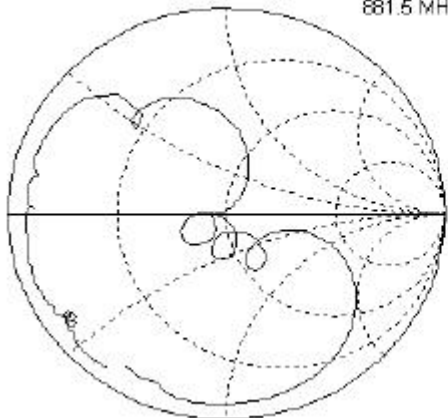


VSWR

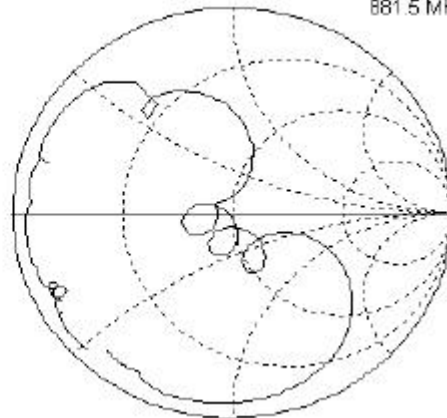


SMITH CHART

S11 $52.3119 - j16.1941$
88.5 MHz



S22 $49.5132 - j15.4014$
88.5 MHz



Part No.: 801-RF881.5M-D

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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