



Data Sheet



Product Category: RF SAW Filter

Part Number	Package	Application	Last Modified
803-RF462.5M-C	3.8 x 3.8 SMD	CDMA450	Jan. 01, 2007

TYPE :
CDMA450 (C-Band), RF-Rx SAW Filter



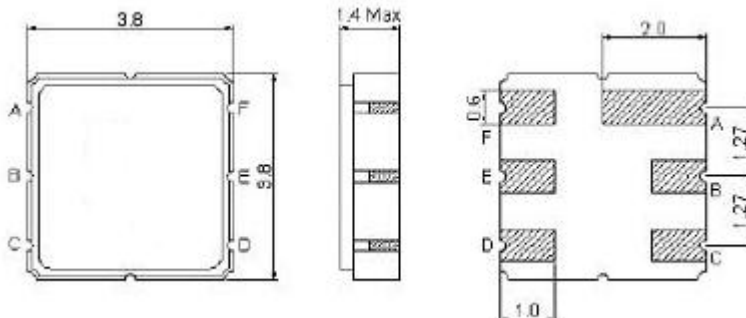
PART NUMBER :
803-RF462.5M-C

OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

PARAMETERS	Condition	Minimum	Typical	Maximum	Units
Center Frequency (Fo)	-	-	462.5	-	MHz
Maximum Insertion Loss	460.0~ 464.8 MHz	-	2.8	4.8	dB
Stop Band Attenuation:	0.3~ 450.0 MHz	25	27	-	dB
	450.0~ 454.8 MHz	33	48	-	
	480.0~ 505.0MHz	30	33	-	
	505.0~ 1200.0 MHz	20	31	-	
	1200.0~ 1500.0 MHz	30	36	-	
1500.0~ 2000.0 MHz	20	30	-	-	
Source Impedance (single ended)*	-	-	50	-	ohm
Load Impedance (single ended)*	-	-	50	-	ohm
VSWR	460.0~ 464.8 MHz	-	1.9	2.4	-
Maximum Input Power	-	-	-	27	dBm
Operating Temperature	-	-30	-	+80	°C

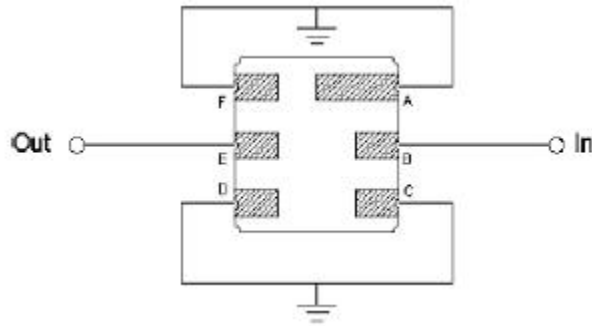
* No Matching Network

PACKAGE OUTLINE (mm)



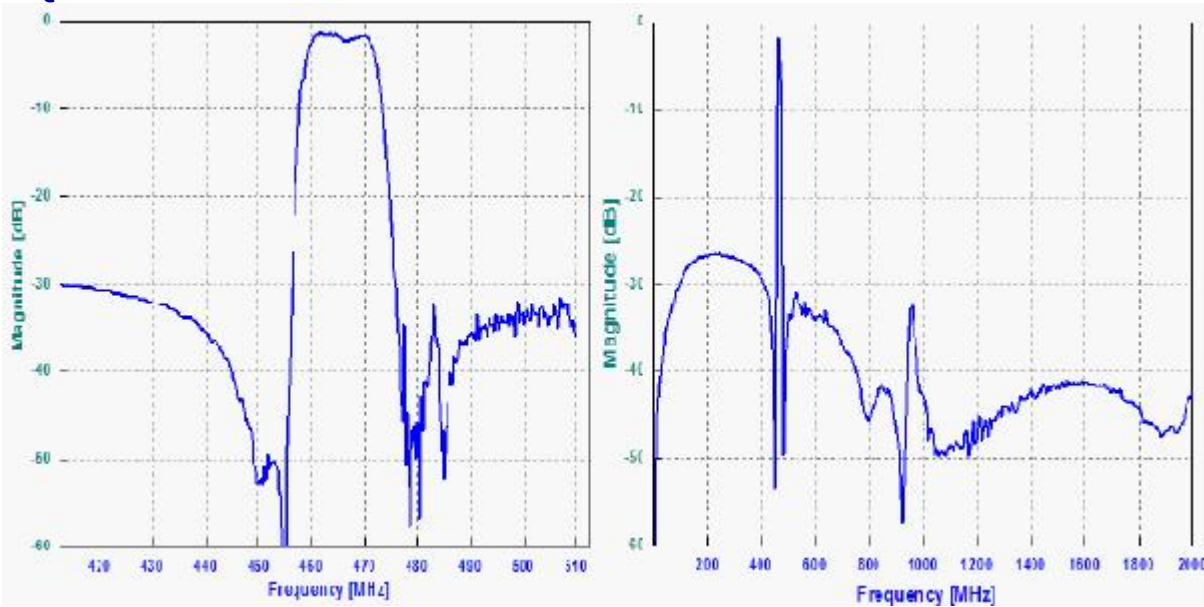
PIN LAYOUT	
A	Ground
B	In
C	Ground
D	Ground
E	Out
F	Ground

TEST FIXTURE

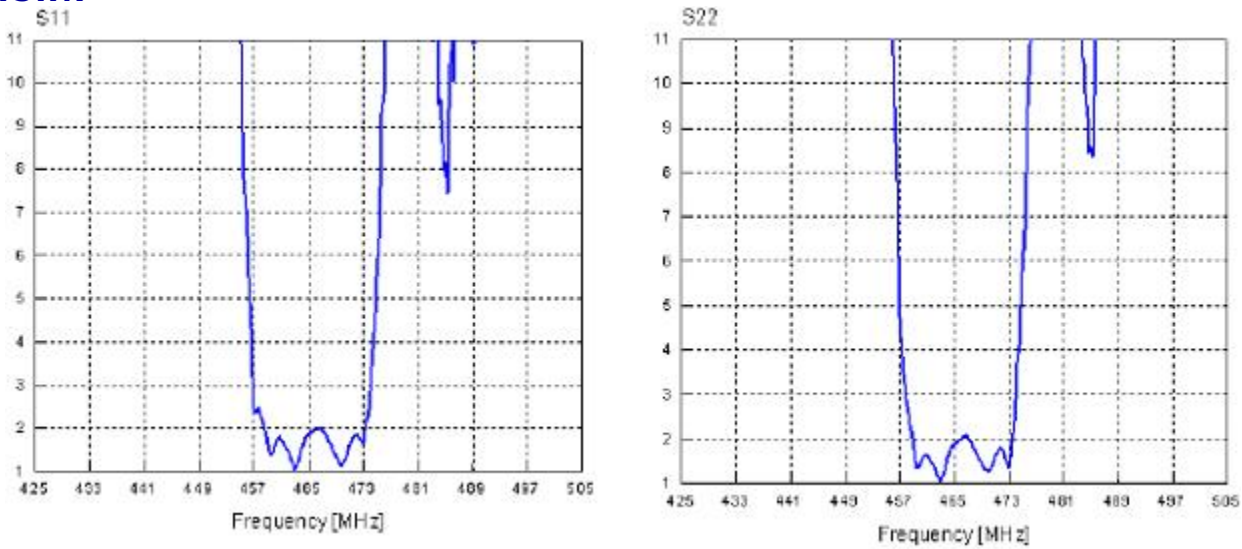


Source/ Load Impedance = 50 ohms

FREQUENCY RESPONSE



VSWR



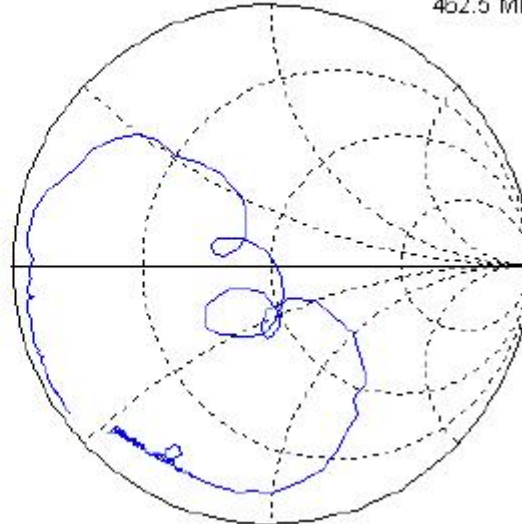
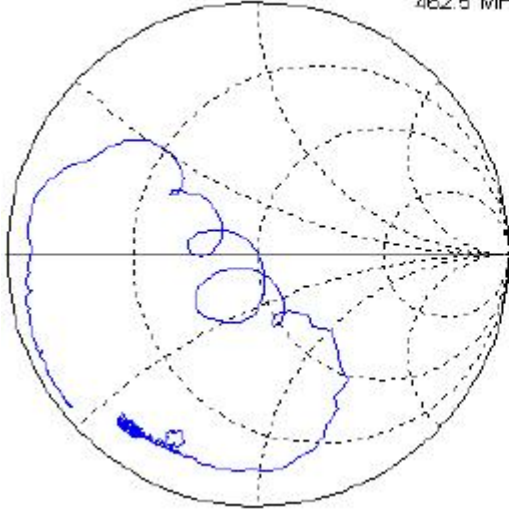
SMITH CHART

S11

$42.0539+j6.7305$
462.5 MHz

S22

$44.5993+j6.7691$
462.5 MHz



Oscilent Corporation - CALL 949.252.0522

Part No.: 803-RF462.5M-C

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