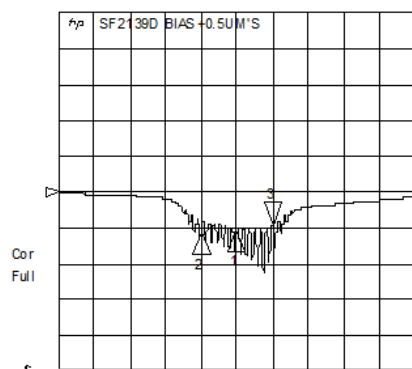
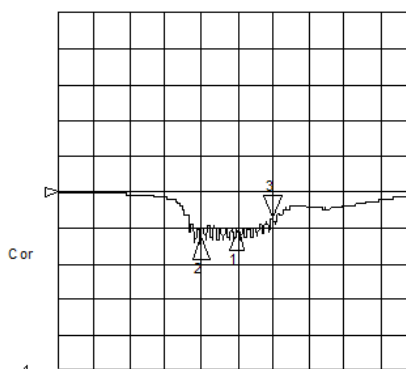


CH1 LOG 10 dB/ REF 0 dB  
S11 3:-9.1614 dB 187.000 000 MHz



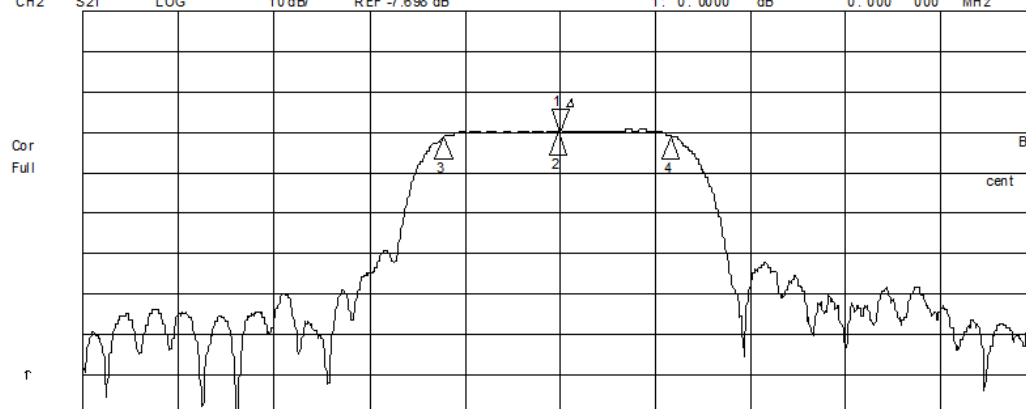
CENTR 177.000 MHz SPAN 100.000 MHz

6 Mar 2009 11:20:18  
CH3 LOG 10 dB/ REF 0 dB  
S22 3:-7.3876 dB 187.000 000 MHz



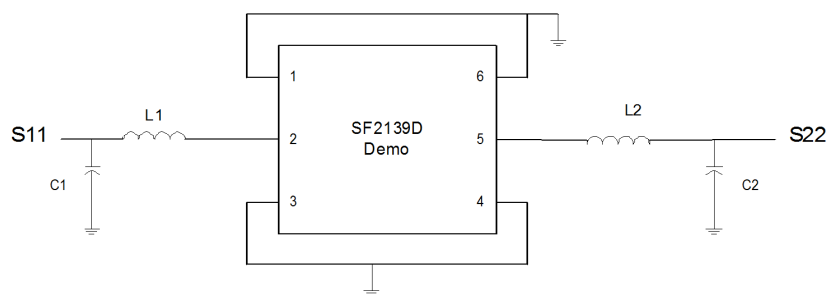
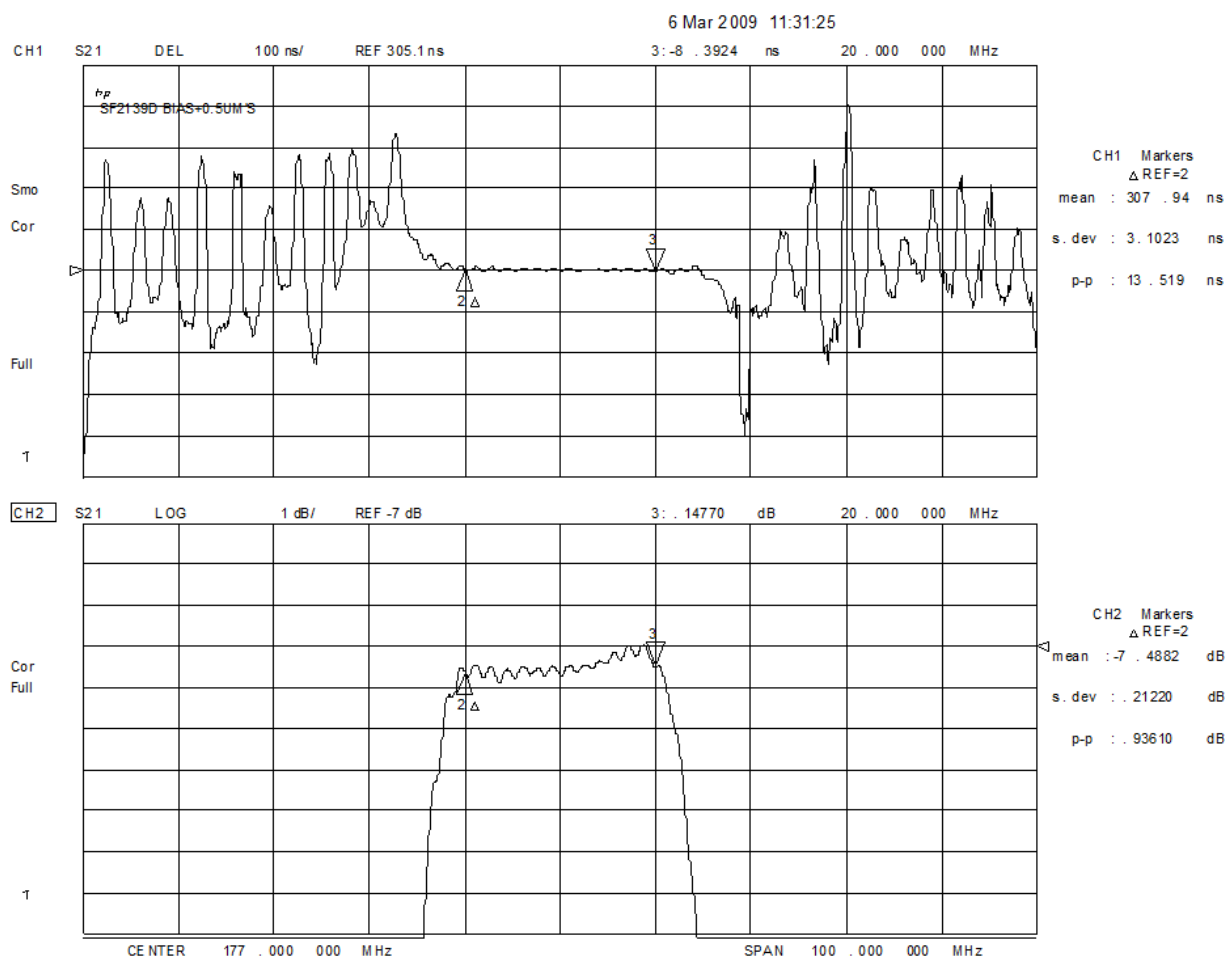
CENTR 177.000 MHz SPAN 100.000 MHz

CH2 S21 LOG 10 dB/ REF -7.698 dB 1: 0.0000 dB 0.000 000 MHz



CENTER 177.000 000 MHz SPAN 100.000 000 MHz

CH2 Markers  
Δ REF=1  
BW: 23.827048 MHz  
cent: 176.778625 MHz  
Q: 7.4192  
loss: -7.7004 dB

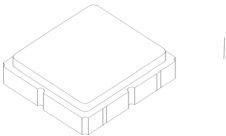


PCB: 401-1720-002  
 L1: 501-0782-121 0805CS, 120 nH  
 L2: 501-0782-101 0805CS, 100 nH  
 C1: 500-1275-068 0805CS, 6.8 pF  
 C2: 500-1275-150 0805CS, 15 pF

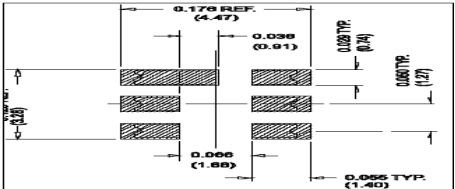


SM3838-6 Case

6-Terminal Ceramic Surface-Mount Case  
3.8 X 3.8 mm Nominal Footprint



Case Dimensions						
Dimension	mm			Inches		
	Min	Nom	Max	Min	Nom	Max
A	3.60	3.80	4.0	0.14	0.15	0.16
B	3.60	3.80	4.0	0.14	0.15	0.16
C	1.30	1.50	1.70	0.05	0.06	0.067
D	0.95	1.10	1.25	0.037	0.043	0.05
E	2.39	2.54	2.69	0.090	0.10	0.110
G	0.90	1.0	1.10	0.035	0.04	0.043
H	1.90	2.0	2.10	0.75	0.08	0.83
I	0.50	0.6	0.70	0.020	0.024	0.028
J	1.70	1.8	1.90	0.067	0.07	0.075

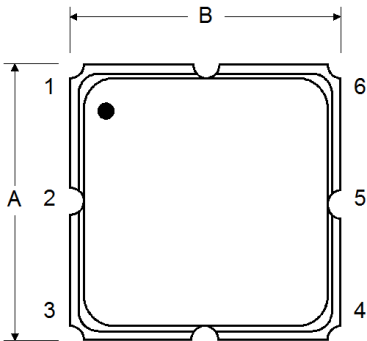


PCB Footprint

Electrical Connections		
Connection		Terminals
Port 1	Single-ended Input	2
Port 2	Single-ended Output	5
	Ground	All others
Single-ended Operation Only		
Dot indicates Pin 1		

Materials	
Solder Pad Plating	0.3 to 1.0 μm Gold over 1.27 to 8.89 μm Nickel
Lid Plating	2.0 to 3.0 μm Nickel
Body	Al <sub>2</sub> O <sub>3</sub> Ceramic
Pb Free	

TOP VIEW



BOTTOM VIEW

