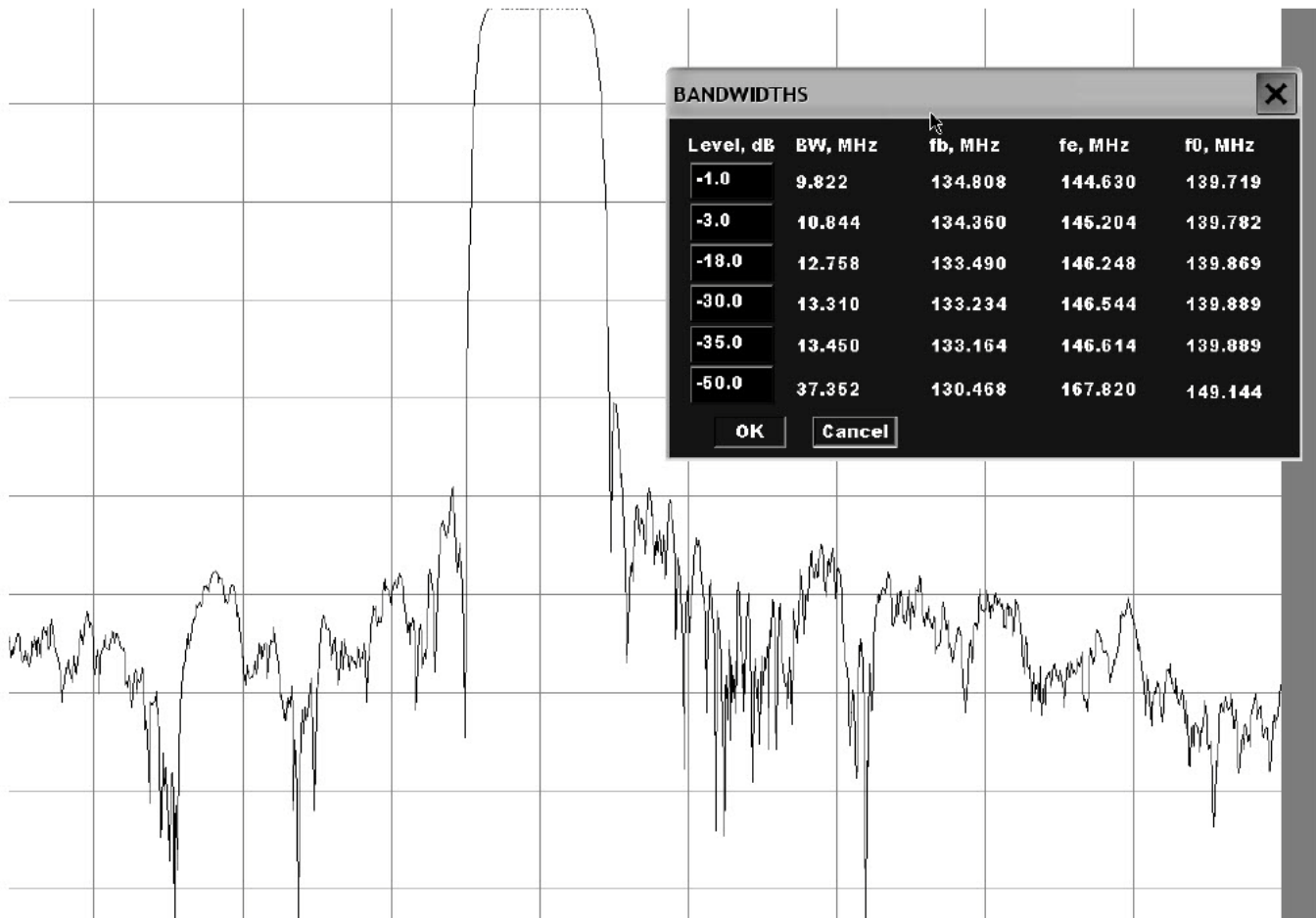
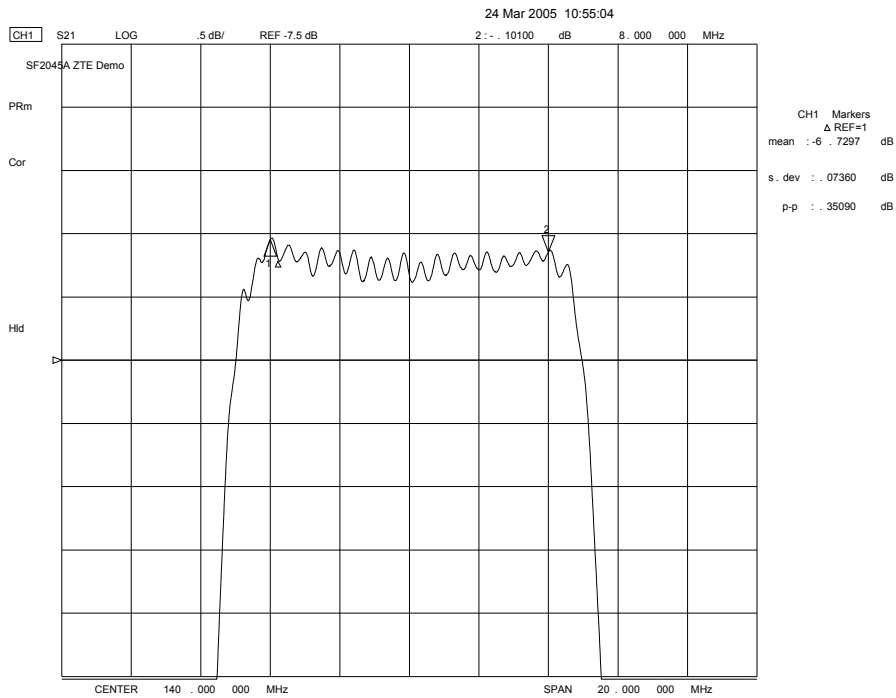
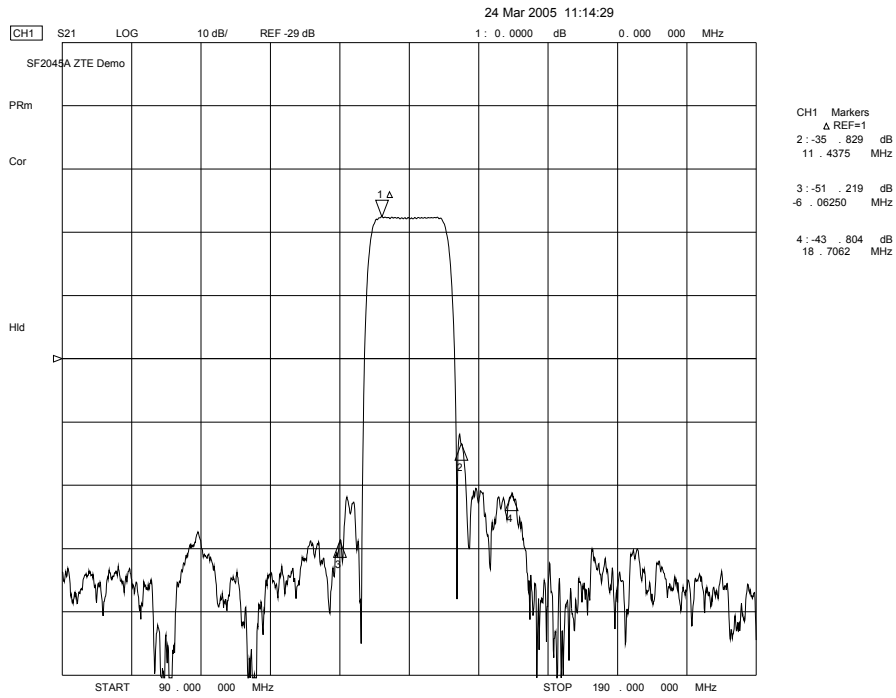
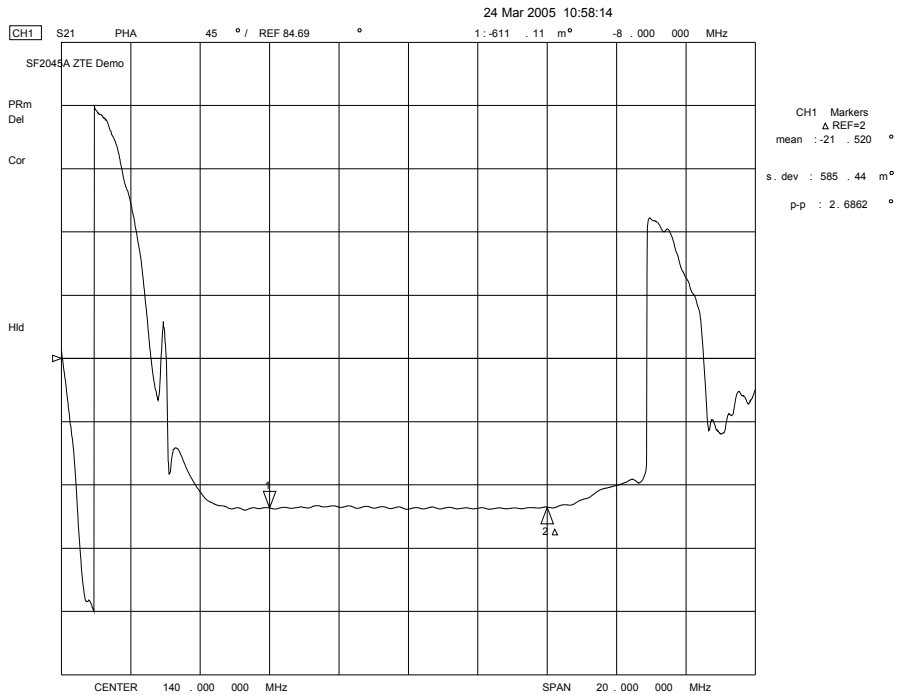
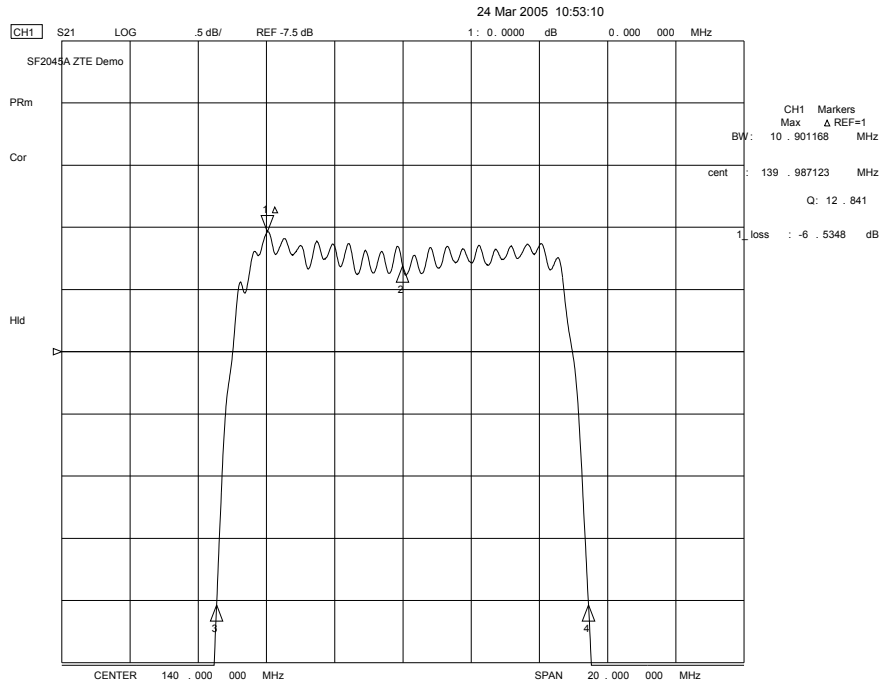
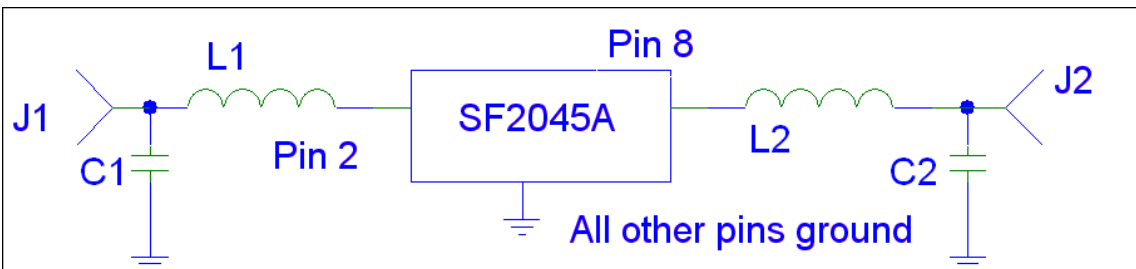
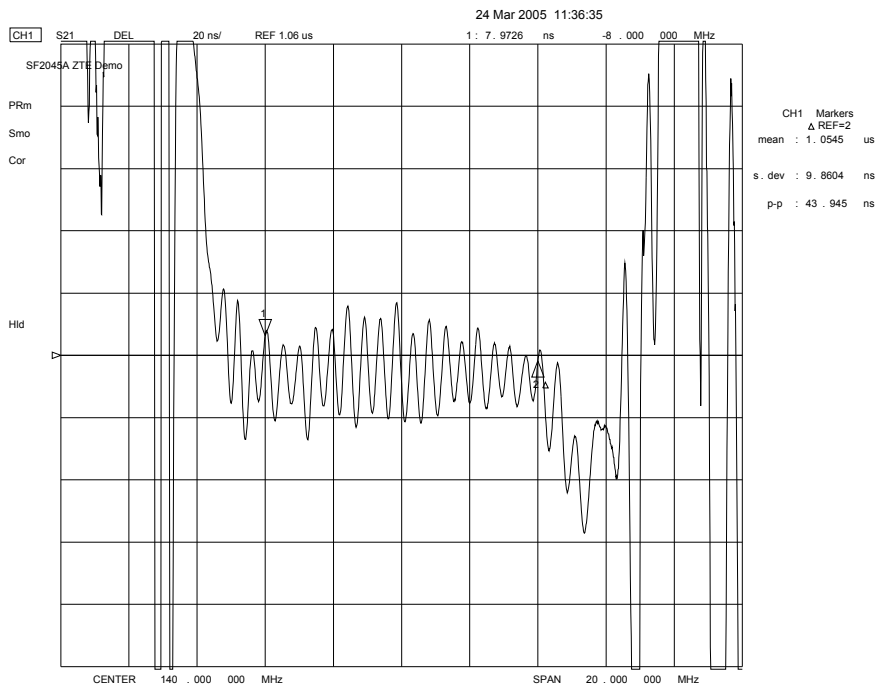


Filter Response Plots









SF2045A Demo Board Schematic

C1=5.6 pF AVX 08055A5R6CAT2A (500-0003-056)

C2=15 pF AVX 08055A150JAT2A (500-0003-150)

L1=82 nH Coilcraft 0805CS-820XJB (500-0782-820)

L2=100 nH Coilcraft 0805CS-101XJB (500-0782-101)

PCB=RFM 500-0735-001 13.3 x 6.5 mm

J1, J2 Connectors=OSM 2052-0000-00 Model 215 4 Hole

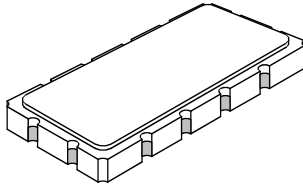
Flange SMA Connectors (500-0248-001)

Equivalent components may be used

SM13365-12 Case

12-Terminal Ceramic Surface-mount Case

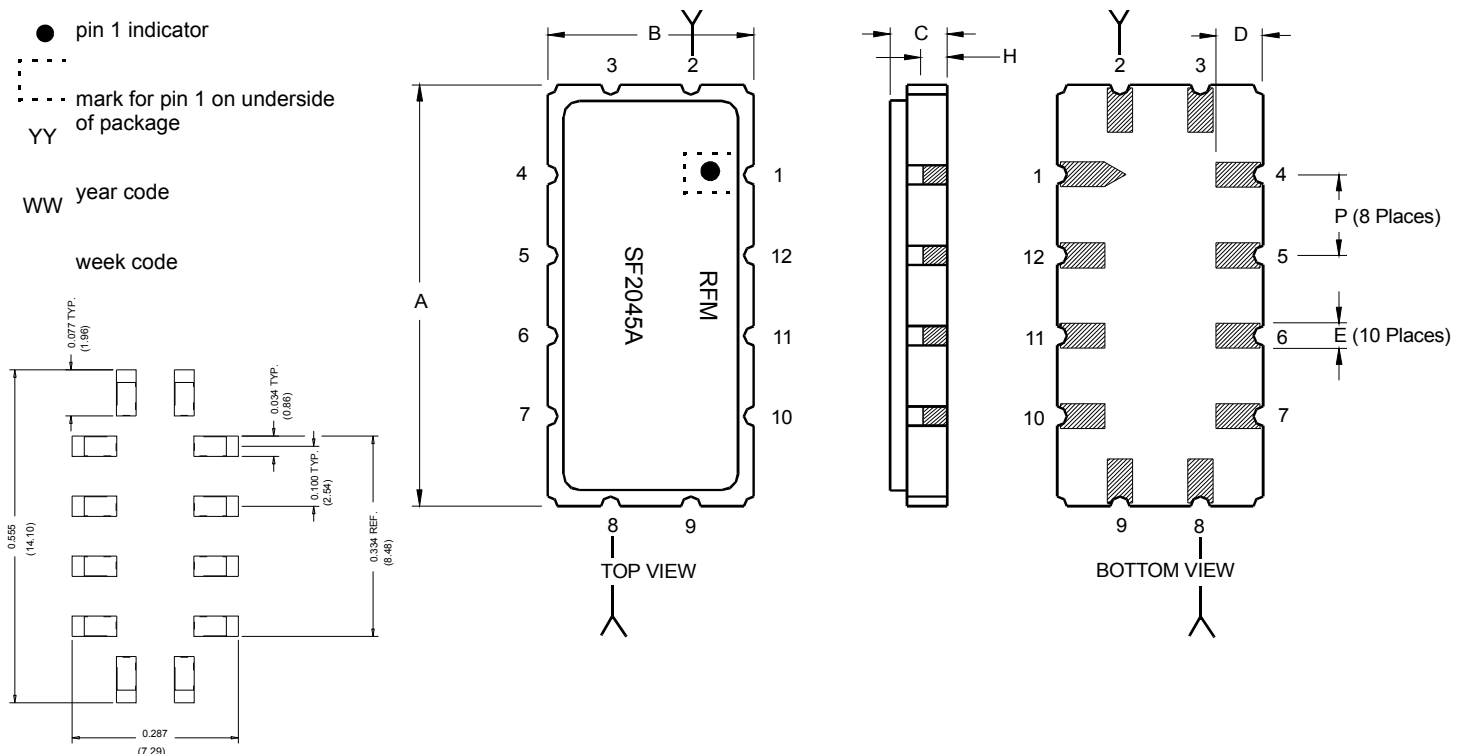
13.3 x 6.5 mm Nominal Footprint



Case Dimensions						
Dimension	mm			Inches		
	Min	Nom	Max	Min	Nom	Max
A	13.08	13.31	13.60	0.515	0.524	0.535
B	6.27	6.50	6.80	0.247	0.256	0.268
C		1.91	2.00		0.075	0.079
D		1.50			0.059	
E		0.79			0.031	
H		1.0			0.039	
P		2.54			0.100	

Electrical Connections		
Connection		Terminals
Port 1	Input	2
	Ground	3
Port 2	Output	8
	Ground	9
Ground		All others
See Note 3 on Data Sheet		

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 ₂ O ₃ Ceramic
Pb Free	



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