

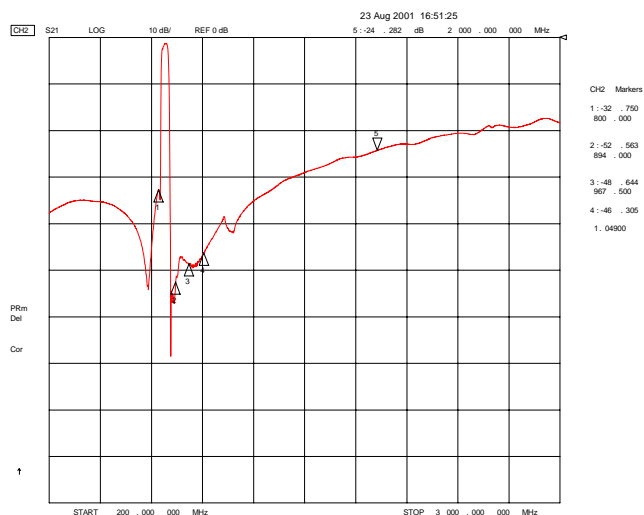
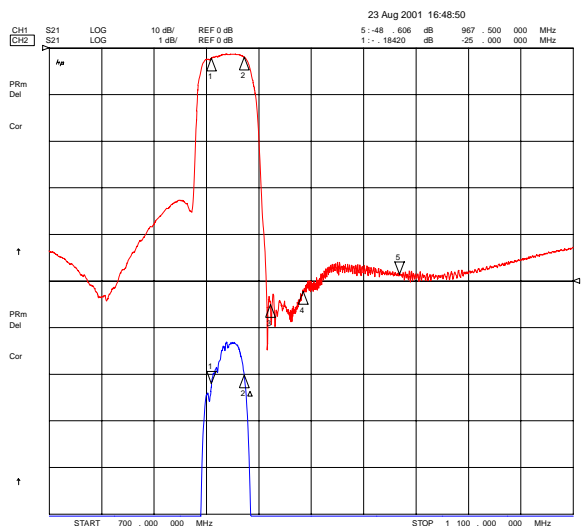


AMPS/CDMA Tx RF Filter(836.5 MHz)

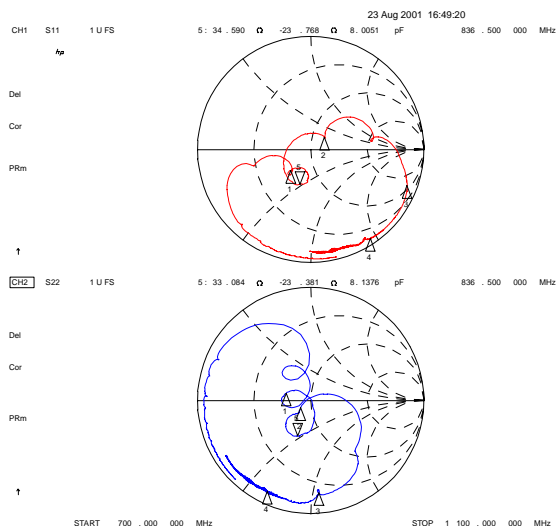
Part number FSR0836H2

Typical Performance

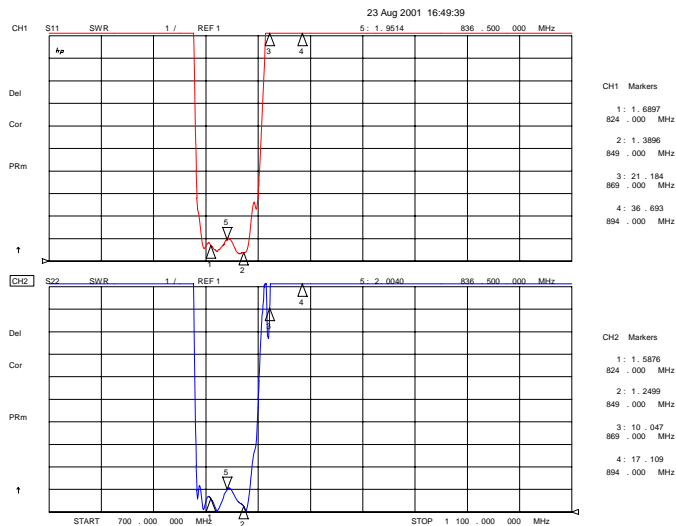
Frequency Response



Smith Chart (S11, S22)



VSWR (S11, S22)



2001-AUG-23



AMPS/CDMA Tx RF Filter(836.5 MHz)

Part number **FSRS0836H2**

Environmental Specification

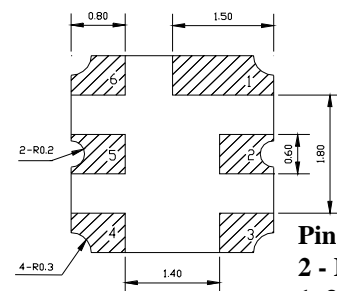
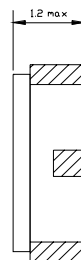
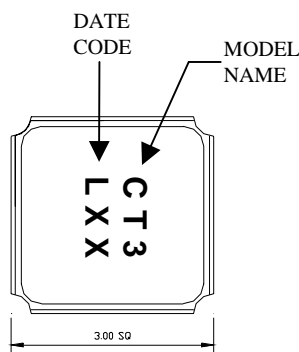
	Min	Typical	Max	Unit
Operation Temperature Range	-30		85	°C
DC Voltage	-5		5	V
Input Power		10	20	dBm
Input Impedance		50		Ω
Output Impedance		50		Ω

Electrical Specification

Parameters	Frequency(MHz)	Specification	Unit	Remarks
		LG (FSRS0836H2)		
Center Frequency		836.5	MHz	
Insertion Loss	824 to 849	3.5 max (2.4 typ)	dB	
Ripple	824 to 849	2.5 max (1.0 typ)	dB	
VSWR	824 to 849	2.5 max (2.0 typ)		
Attenuation	DC to 750	33 min (35 typ)	dB	
	750 to 800	28 min (32 typ)	dB	
	869 to 894	45 min (52 typ)	dB	
	894 to 1049	40 min (45 typ)	dB	
	1049 to 2000	20 min (24 typ)	dB	

Design and specifications are subject to change without notice.

Package Dimension



Unit : mm

Pin assignment
2 - IN, 5 - OUT
1, 3, 4, 6 - GND

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