

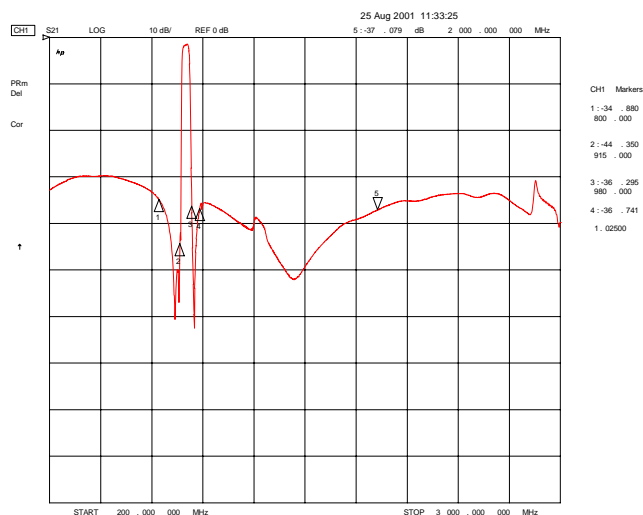
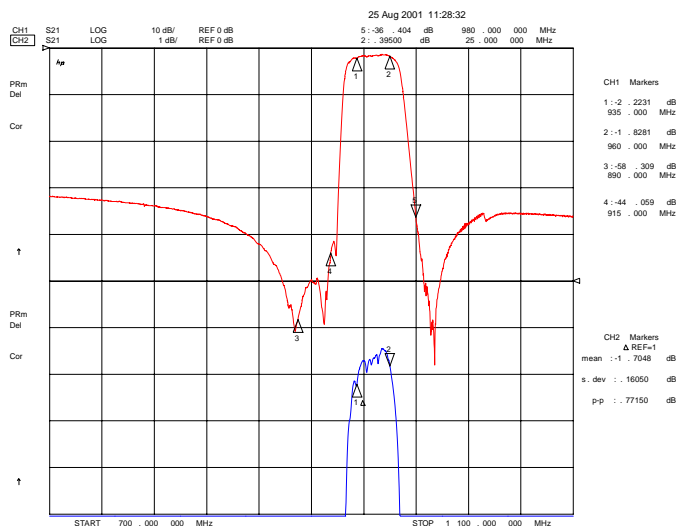


GSM Rx RF Filter(947.5 MHz)

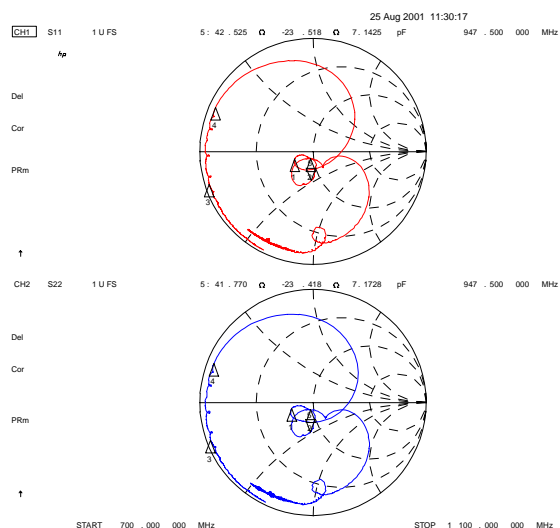
Part number FSR0947B2

Typical Performance

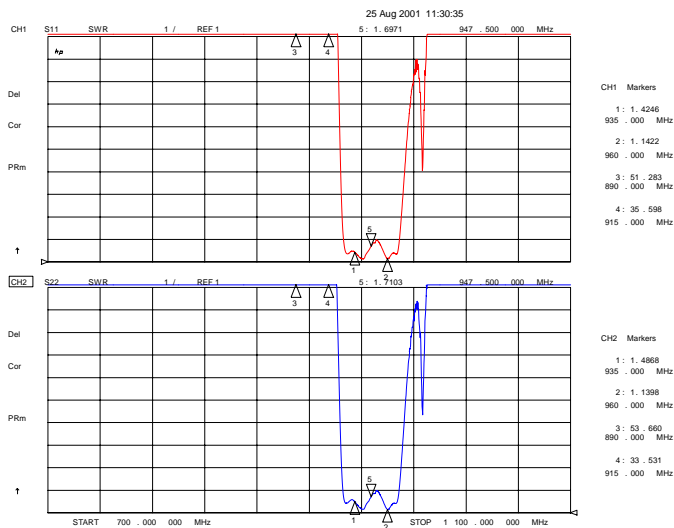
Frequency Response



Smith Chart (S11, S22)



VSWR (S11, S22)



2001-AUG-25



GSM Rx RF Filter(947.5 MHz)

Part number **FSRS0947B2**

Environmental Specification

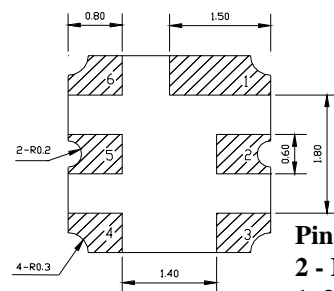
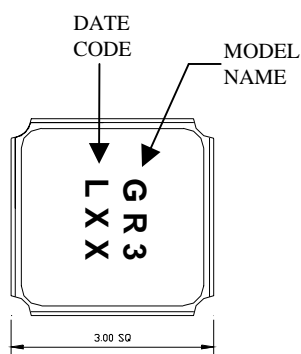
	Min	Typical	Max	Unit
Operation Temperature Range	-30		85	°C
DC Voltage	-5		5	V
Input Power		10	20	dBm
Input Impedance		50		Ω
Output Impedance		50		Ω

Electrical Specification

Parameters	Frequency(MHz)	Specification	Unit	Remarks
		LG (FSRS0947B2)		
Center Frequency		947.5	MHz	
Insertion Loss	935 to 960	4.0 max (2.2 typ)	dB	
Ripple	935 to 960	2.0 max (1.0 typ)	dB	
VSWR	935 to 960	2.5 max (2.0 typ)		
Attenuation	DC to 800	25 min (29 typ)	dB	
	890 to 915	20 min (40 typ)	dB	
	980 to 1025	25 min (35 typ)	dB	
	1025 to 1600	30 min (35 typ)	dB	
	1600 to 2000	25 min (29 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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