

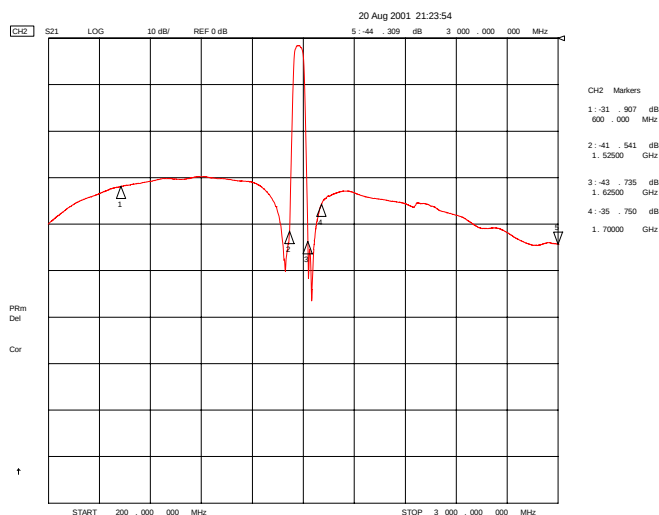
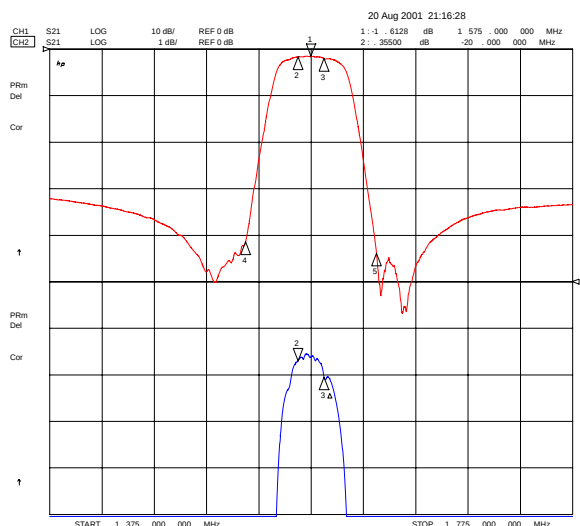


GPS Rx RF Filter(1575 MHz)

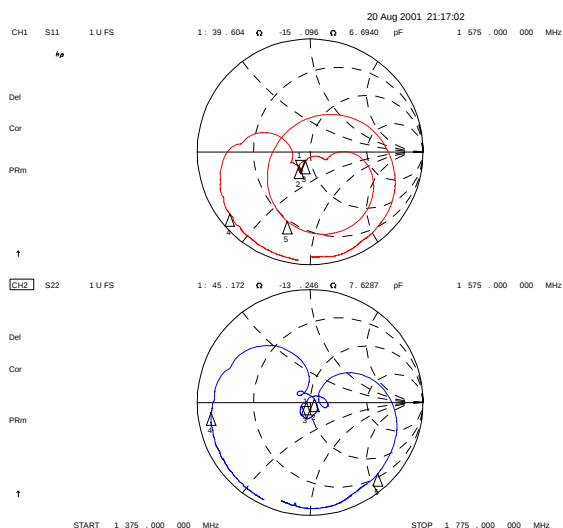
Part number **FSRS1575B2**

Typical Performance

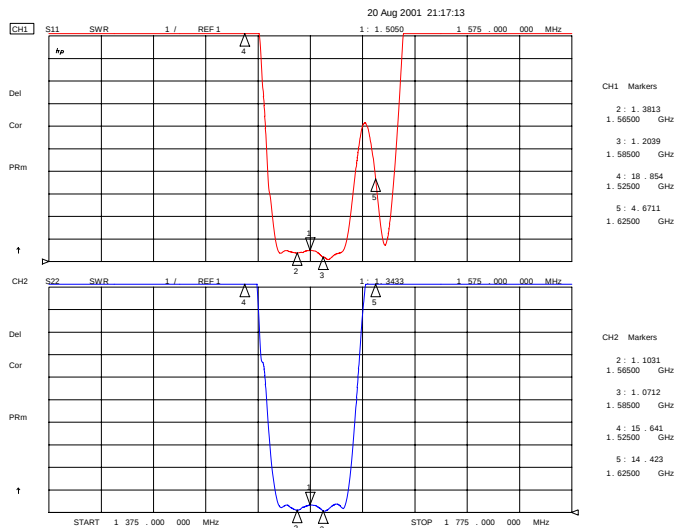
Frequency Response



Smith Chart (S11, S22)



VSWR (S11, S22)



2001-AUG-20



GPS Rx RF Filter(1575 MHz)

Part number **FSRS1575B2**

Environmental Specification

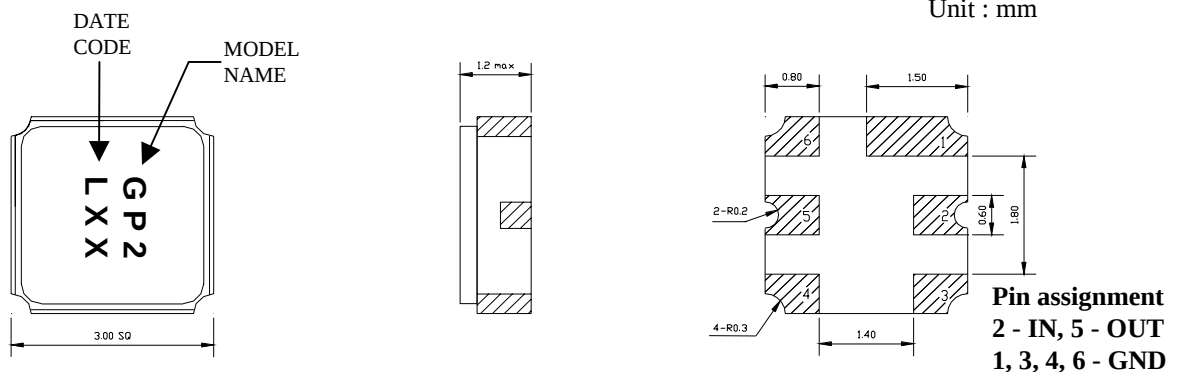
	Min	Typical	Max	Unit
Operation Temperature Range	-30		85	°C
DC Voltage	-5		5	V
Input Power		10	20	dBm
Input Impedance		50		Ω
Output Impedance		50		Ω

Electrical Specification

Parameters	Frequency(MHz)	Specification	Unit	Remarks
		LG (FSRS1575B2)		
Center Frequency		1575	MHz	
Insertion Loss	1565 to 1585	2.8 max (2.2 typ)	dB	
Ripple	1565 to 1585	2.0 max (1.0 typ)	dB	
VSWR	1565 to 1585	2.0 max (1.7 typ)		
Attenuation	DC to 600	30 min (32 typ)	dB	
	600 to 1500	28 min (29 typ)	dB	
	1500 to 1525	20 min (35 typ)	dB	
	1625 to 1675	20 min (35 typ)	dB	
	1675 to 3000	30 min (34 typ)	dB	

Design and specifications are subject to change without notice.

Package Dimension



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