

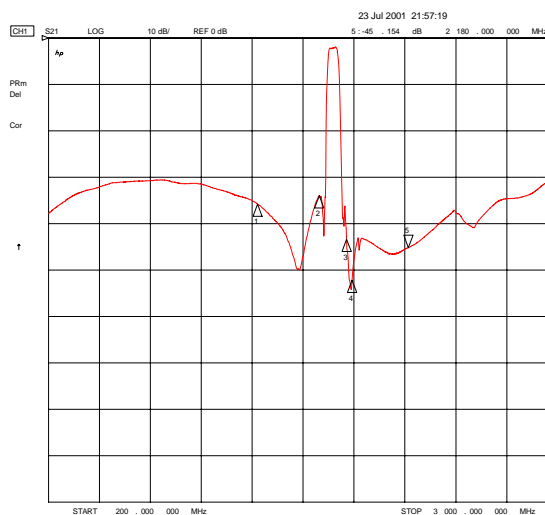
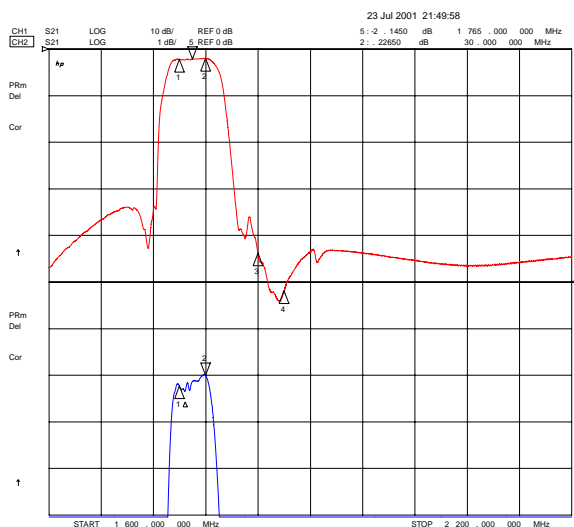


KPCS Tx RF Filter(1765 MHz)

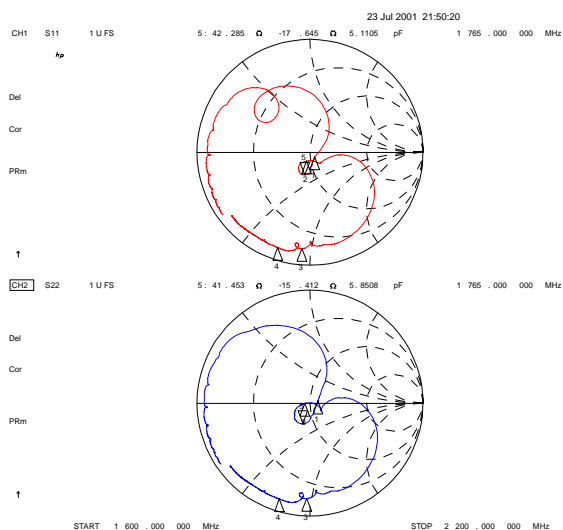
Part number **FSRS1765B2**

Typical Performance

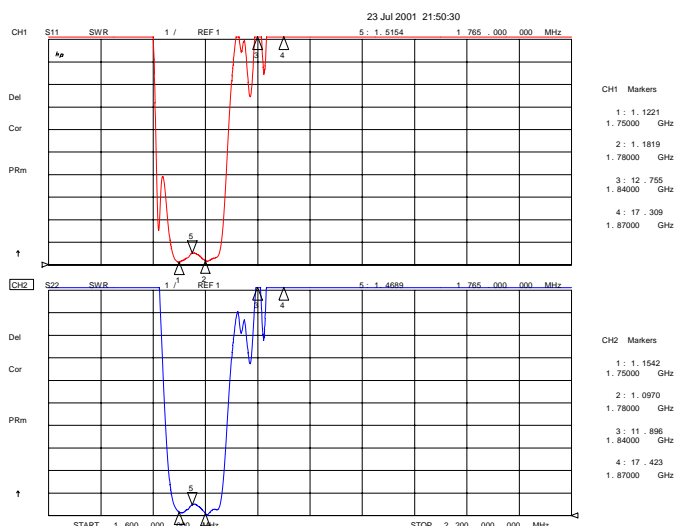
Frequency Response



Smith Chart (S11, S22)



VSWR (S11, S22)



2001-JUL-23



KPCS Tx RF Filter(1765 MHz)

Part number **FSRS1765B2**

Environmental Specification

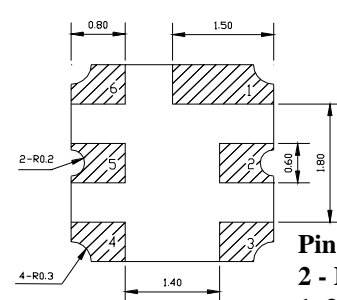
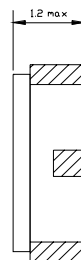
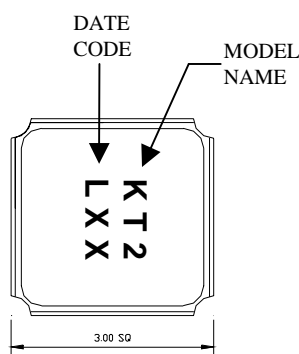
	Min	Typical	Max	Unit
Operation Temperature Range	-30		85	°C
DC Voltage	-5		5	V
Input Power		10	20	dBm
Input Impedance		50		Ω
Output Impedance		50		Ω

Electrical Specification

Parameters	Frequency(MHz)	Specification	Unit	Remarks
		LG (FSRS1765B2)		
Center Frequency		1765	MHz	
Insertion Loss	1750 to 1780	3.0 max (2.3 typ)	dB	
Ripple	1750 to 1780	1.0 max (0.6 typ)	dB	
VSWR	1750 to 1780	2.0 max (1.6 typ)		
Attenuation	1350 to 1380	30 min (34 typ)	dB	
	1660 to 1690	30 min (35 typ)	dB	
	1840 to 1870	30 min (47 typ)	dB	
	2150 to 2180	30 min (46 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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