

## Features

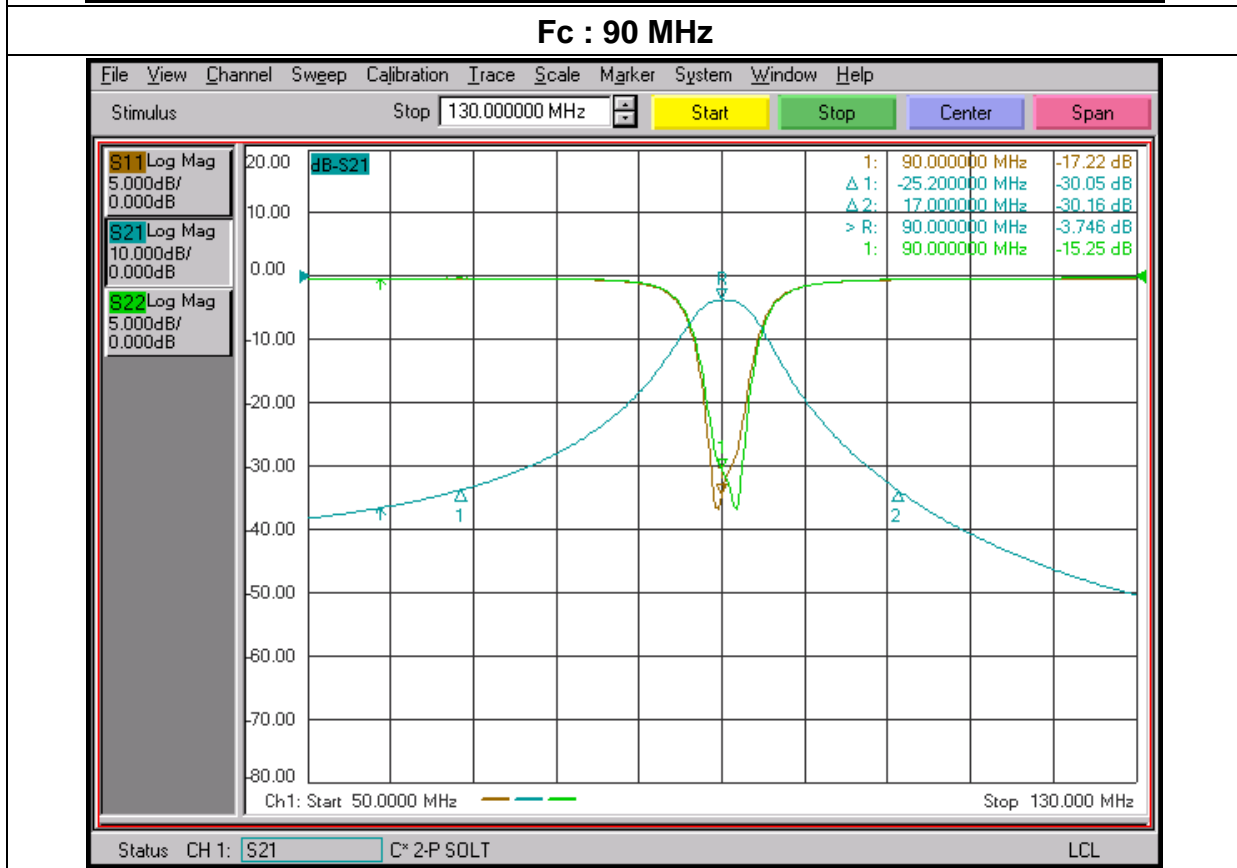
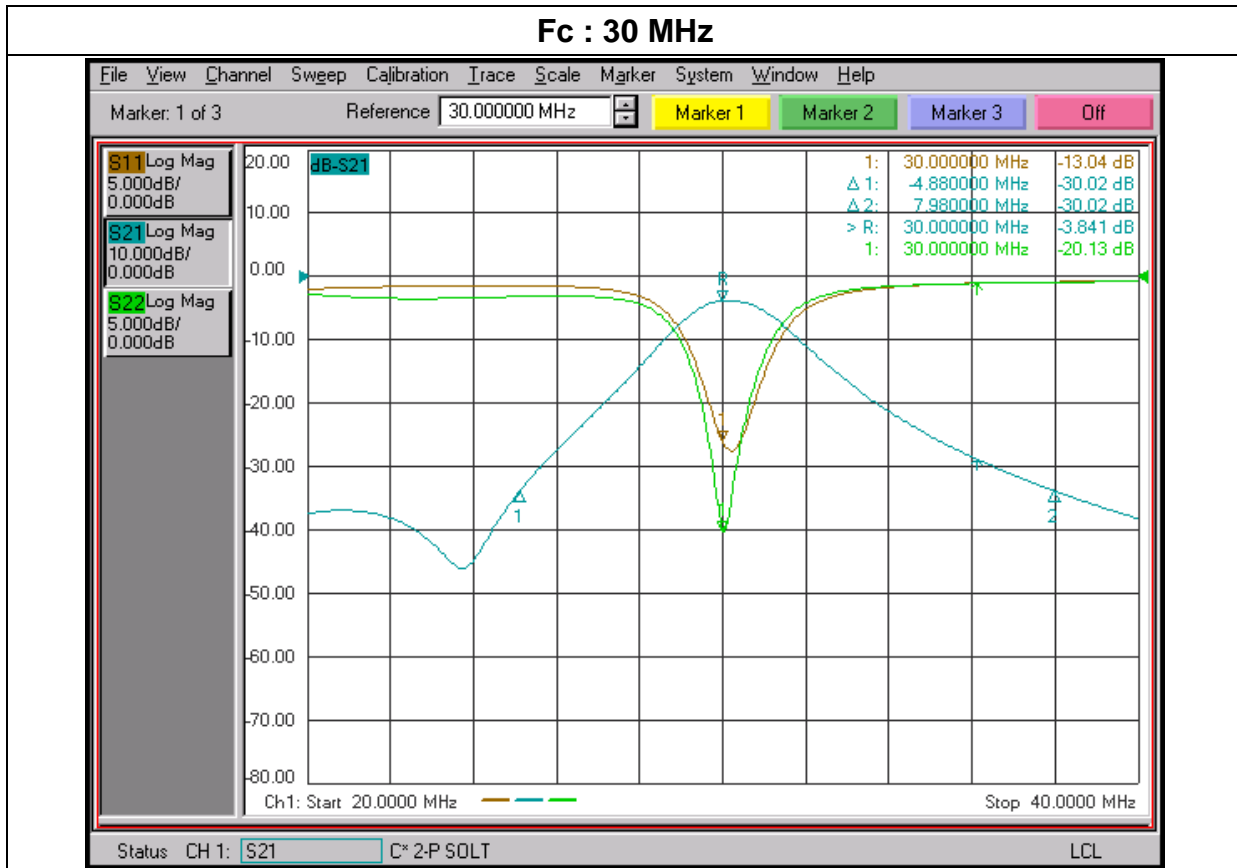
- DC Power Consumption : +5.0 V/+100.0 V
- Insertion Loss : 3.5 dB (Typical.)
- Tuning Speed : 15  $\mu$ s (Typical)
- Shape Factor : 7.0 (Typical.)
- In-band RF Power Handling : 1 W



## Specifications

Parameter	Specifications
Frequency Coverage	30 ~ 90 MHz
RF In/ Out Impedance	50 $\Omega$
Insertion Loss	3.5 dB (Typical.)
%Bandwidth	7.1 (Typical.)
Shape Factor (30 dB/3 dB)	7.0 (Typical.)
In-band Input/Output VSWR	1.5:1 (Typical)
In-band RF Power Handling	Up to 1 Watt
Outband RF Power Handling	Up to 5 Watt
Tuning Control	8 bit Parallel
Tuning Speed	15 $\mu$ s (Typical)
DC Power Consumption	+5.0 VDC(250 mA) / +100.0 VDC(2 mA)
Operating Temperature Range	-40°C to +85°C
Size	15*36*58 mm
Weight	50 g
RF Connection	Thru-hole pin

### Plot Data



## PIN Out

○	GND	RF IN	○
○	MISO	GND	○
○	+5 VDC	GND	○
○	SCK	+5 VDC	○
○	MOSI	GND	○
○	RST	D7	○
○	NC	D6	○
○	NC	D5	○
○	NC	D4	○
○	NC	D3	○
○	NC	D2	○
○	NC	D1	○
○	NC	D0	○
○	NC	STB	○
○	NC	GND	○
○	NC	GND	○
○	SCK	+40 VDC	○
○	MISO	GND	○
○	MOSI	GND	○
○	SS'	GND	○
○	GND	RF OUT	○

## Outline drawing (Unit: mm)

