

MESFET HIGH IP³ MIXER

[查询"SFM-2"供应商](#)

SURFACE MOUNT MODEL: SFM-2

OPTIMIZED BANDWIDTH

FEATURES:

- ▶ High Performance
- ▶ High IP³
- ▶ Small Size, Surface Mount
- ▶ RoHS Compliant
- ▶ Lead Free REL-PRO[®] Technology



SPECIFICATIONS (Rev. A 3/31/06)

Frequency	LO (MHz)	RF (MHz)	IF (MHz)	
	62 - 94	0.1 - 32	30 - 96	
Conversion Loss (dB)	Typ.	Max.		
	6.5	8.5		
RF/IF Isolation (dB)	Typ.	Min.		
	30	20		
LO Rejection (dBc)		Typ.	Min.	
		RF	40	25
		IF	25	15
LO Power	0 dBm (Nom.)			
1 dB Comp. Pt.	+23 dBm (Typ.)			
Input IP ³	+40 dBm (Typ.)			
Vdd	+5 Volts @ 80 mA (Max.)			
Impedance	50 Ohms (Nom.)			
Operating Temperature Range	-20 to +70 °C			
<i>Note: Isolation values apply for Sinewave L.O. signals.</i>				

Package # 285

SMC
PART #
(DATE-CODE)

PACKAGE MOUNTING: SEE APPLICATION NOTE AN7200

PORT LOCATION				
RF	LO	IF	Vdd	GND
21	13	2	10	All Others

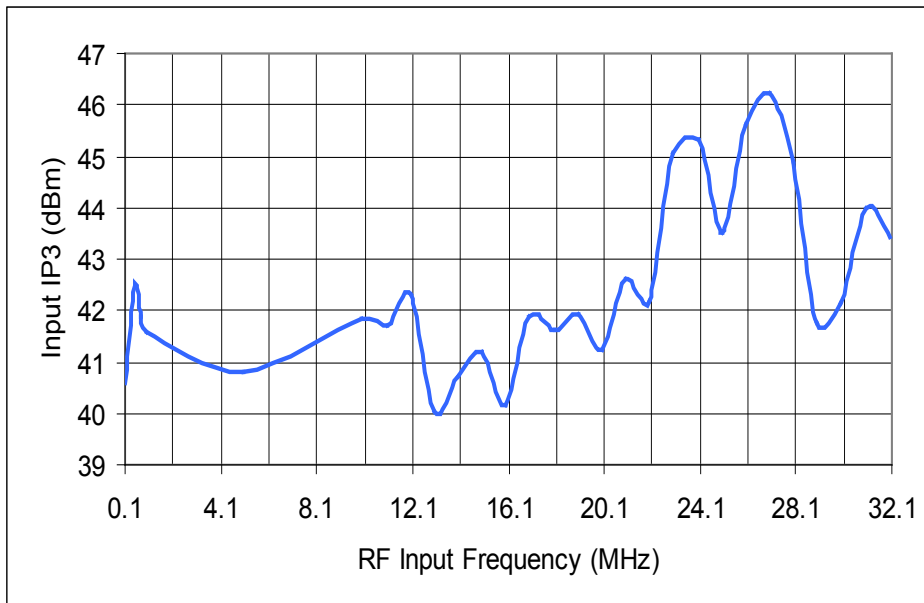
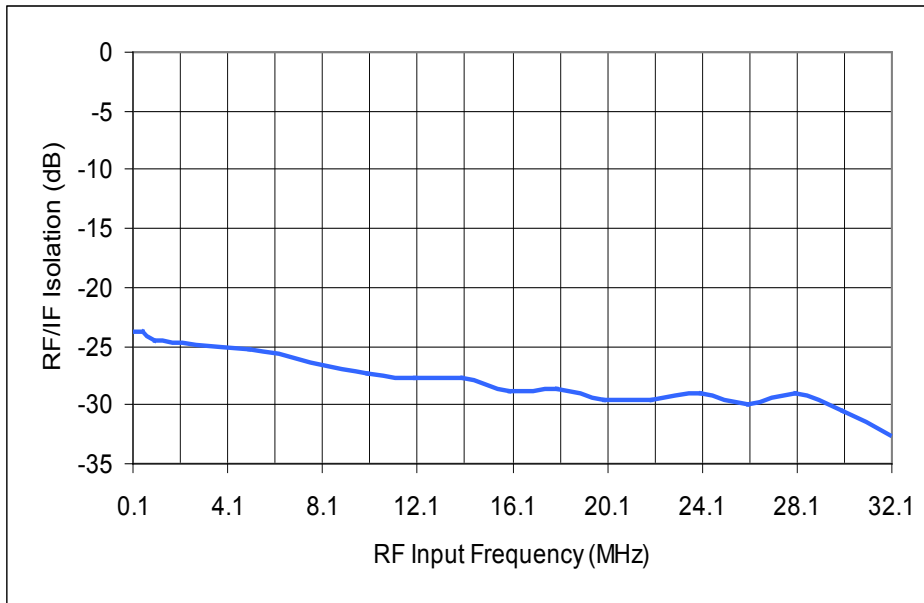
MESFET HIGH IP³ MIXER

[查询"SFM-2"供应商](#)

SURFACE MOUNT MODEL: SFM-2

OPTIMIZED BANDWIDTH

PERFORMANCE PLOTS



MESFET HIGH IP³ MIXER

[查询"SFM-2"供应商](#)

SURFACE MOUNT MODEL: SFM-2

OPTIMIZED BANDWIDTH

PERFORMANCE PLOTS

