



**Data Sheet**



Product Category: IF SAW Filter

Part Number  
805-IF360.0M-A

Package  
5.0 x 5.0 SMD

Application  
Mobile Communication

Last Modified  
May 22 2003

TYPE :

IF Filter for GSM, PCN system

PART NUMBER :

**805-IF360.0M-A**



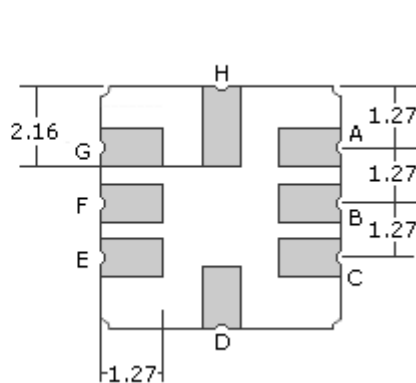
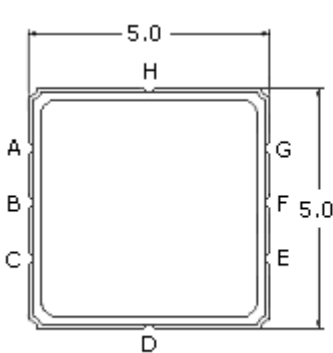
**OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**

PARAMETERS		Minimum	Typical	Maximum	Units
Center Frequency (Fo)	-	-	360	-	MHz
Insertion Loss (a min.)	-	-	4.8	5.2	dB
Relative Attenuation	Fo ± 0.4 ~ Fo ± 0.6 MHz	29	38	-	dB
	Fo ± 0.6 ~ Fo ± 0.8 MHz	42	53	-	
	Fo ± 0.8 ~ Fo ± 1.6 MHz	42	55	-	
	Fo ± 1.6 ~ Fo ± 5.0MHz	45	55	-	
	Fo ± 5.0 ~ Fo ± 30.0 MHz	50	57	-	
Amplitude Ripple	Fo ± 67.7 KHz	-	0.8	1.5	dB
Group Delay Ripple	Fo ± 67.7 KHz	-	0.7	2.0	us
FTC	-	-	0.032	-	ppm/°C <sup>2</sup>
Terminating Impedance	-	-	50	-	ohm
DC Voltage	-	-	0	-	V
Input Power	-	-	5	-	dBm
Operating Temperature	-	-20	-	+75	°C
Storage Temperature	-	-35	-	+85	°C

\* Maximum Rating (Ta = 25°C)

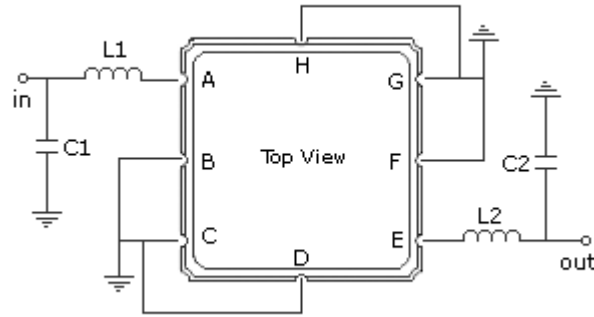
\*\* Custom SAW IF Filters available. Contact Oscilent for assistance.

**PACKAGE OUTLINE (mm)**



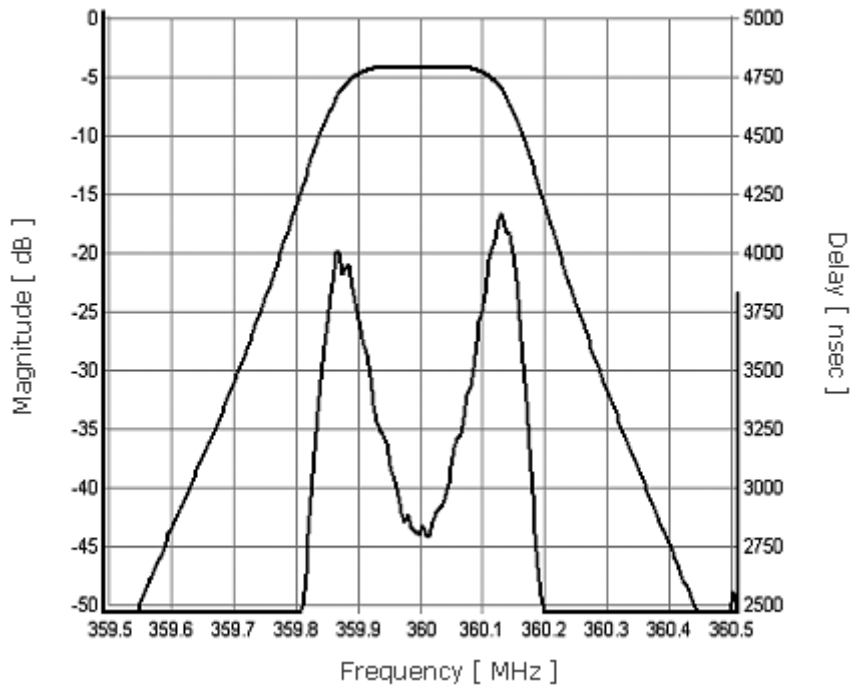
PIN LAYOUT	
A	In
B	Ground
C	Ground
D	Ground
E	Out
F	Ground
G	Ground
H	Ground

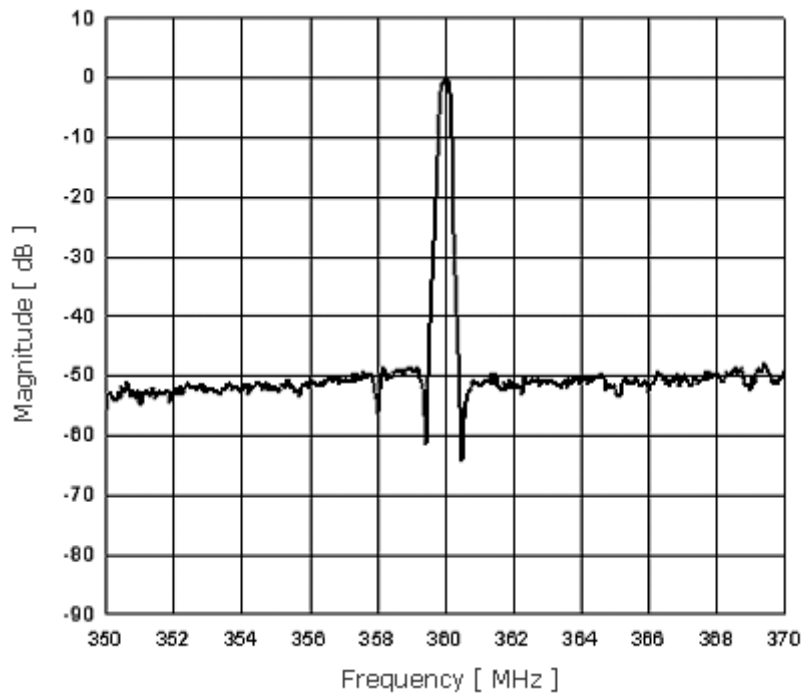
**TEST FIXTURE**



L1 = 68nH            C1 = 7pF  
 L2 = 74nH            C2 = 7pF  
 Source/Load Impedance = 50 ohms

**FREQUENCY RESPONSE**





**Oscilent Corporation** - CALL **949.252.0522**

**Part No.:** 805-IF360.0M-A

17962 Sky Park Circle, Building D, Irvine, CA 92614, USA  
Fax: 949.252.0599, E-Mail: Sales@Oscilent.com