

**Data Sheet**

Product Category: IF SAW Filter

Part Number  
813-IF140.0M-HPackage  
13.3 x 6.5 SMDApplication  
Base Station & RepeaterLast Modified  
May 30 2003**TYPE :**

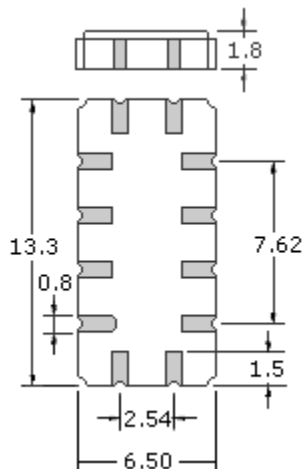
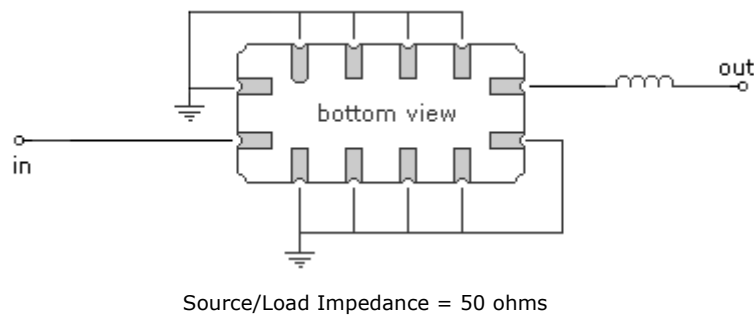
140.0 MHz Bandpass Filter

18.8 MHz Bandwidth

**PART NUMBER :****813-IF140.0M-H****OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**

PARAMETERS	Minimum	Typical	Maximum	Units
Center Frequency	-	140.0	-	MHz
Insertion Loss	-	21.5	24.0	dB
1dB Bandwidth	18.3	18.35	-	MHz
3dB Bandwidth	18.8	18.85	-	MHz
40dB Bandwidth	-	20.95	21.2	MHz
Ultimate Rejection	-	50	-	dB
Passband Ripple	-	0.75	1.0	dB
Group Delay Variation	-	40	100	nsec
Absolute Delay	-	1.56	-	µsec
Substrate Material	-	LN	-	-
Ambient Temperature	-	25	-	°C

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

**PACKAGE OUTLINE (mm)****TEST FIXTURE****Oscilent Corporation** - CALL **949.252.0522**17962 Sky Park Circle, Building D, Irvine, CA 92614, USA  
Fax: 949.252.0599, E-Mail: Sales@Oscilent.com**Part No.:** 813-IF140.0M-H

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