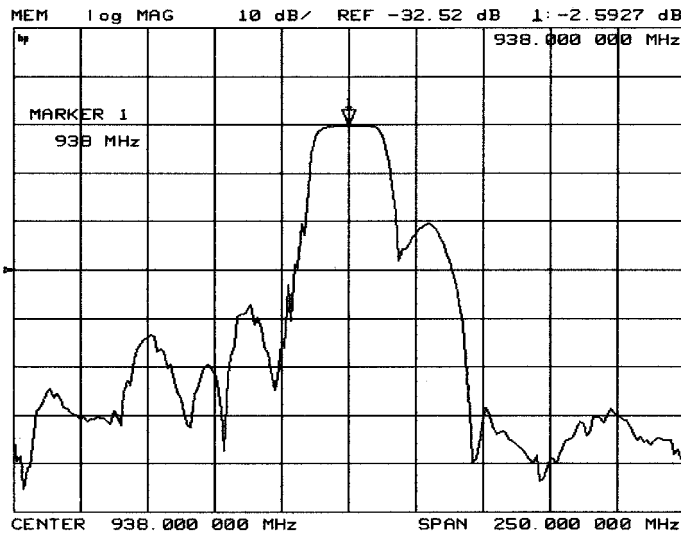
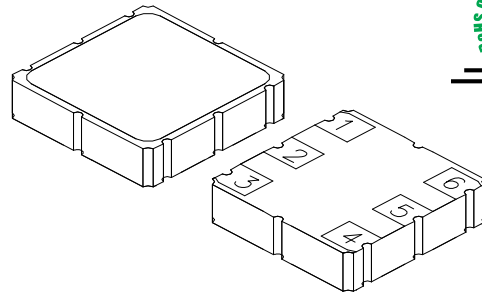


Model SF1012

Frequency Response



Terminal Connection



2, 5 : INPUT, OUTPUT
1, 3, 4, 6 : GROUND

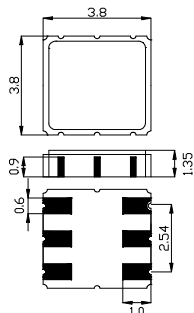
Maximum Ratings

Item	Unit	Condition	Rating
Maximum DC Voltage	V	-	10
Maximum Input Power	dBm	-	10
Operating Temperature Range	°C	-	-10 ~ +50
Storage Temperature Range	°C	-	-30 ~ +80

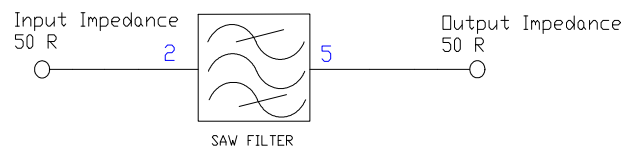
Electrical Specifications

Item	Unit	Condition	Min	Typ	Max
Center Frequency	MHz	F ₀	938		
Passband Width	MHz	-	F ₀ +/-3.0		
Insertion Loss	dB	Passband	-	3	4
Passband Ripple Deviation	dB	Passband	-	1.2	2
Stop Band Rejection	dB	F ₀ -300.0 ~ F ₀ -50.0 MHz	40	45	-
		F ₀ +50.0 ~ F ₀ +300.0 MHz	40	45	-
Terminating Impedance	Ω	-	50		

Package Dimension



Matching Configuration



Source / Load Impedance = 50Ω
Ambient Temperature = 25 °C

MtronPTI reserves the right to make changes to the product(s) and service(s) described herein without notice. No liability is assumed as a result of their use or application.

Please see www.mtronpti.com for our complete offering and detailed datasheets. Contact us for your application specific requirements: MtronPTI 1-800-762-8800.