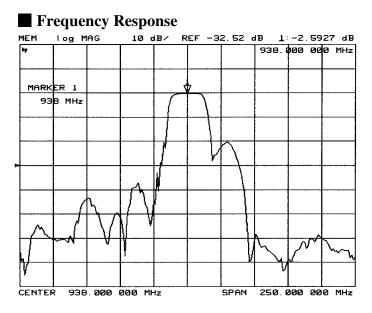
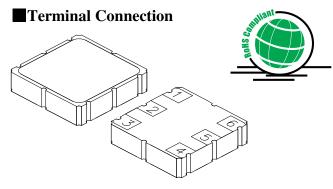
# Model SF1012







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

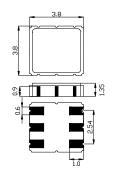
### Maximum Ratings

Item	Unit	Condition	Rating
Maximum DC Voltage	V	-	10
Maximum Input Power	dBm	-	10
<b>Operating Temperature Range</b>	C	-	-10~+50
Storage Temperature Range	J	-	-30~+80

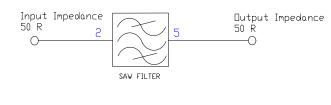
### Electrical Specifications

Item	Unit	Condition	Min	Тур	Max
Center Frequency	MHz	Fo	938		
Passband Width	MHz	-	Fo +/-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 =  $50\Omega$ Ambient Temperature =  $25 \degree$ 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.