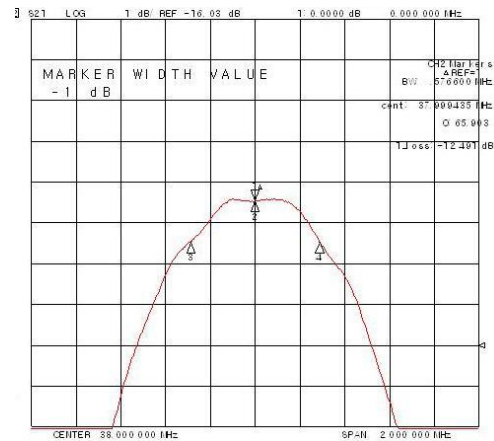
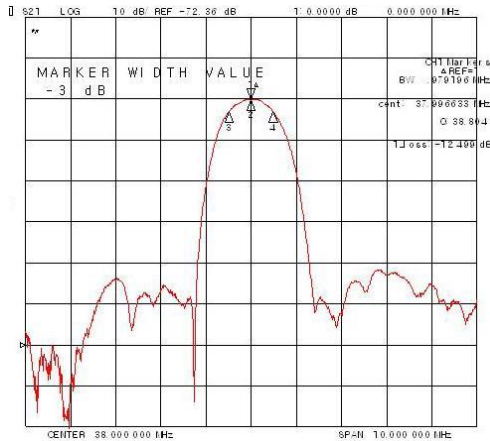


## PRODUCT SPECIFICATION FOR INFORMATION

- Customer : AUM Microwave
- Product Name : SAW BAND PASS FILTER
- Part No : M038010S

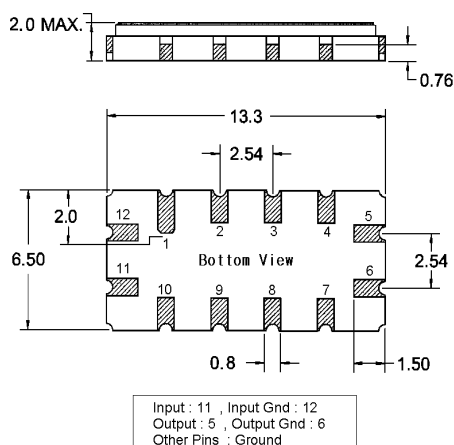
### 1. Typical Performance



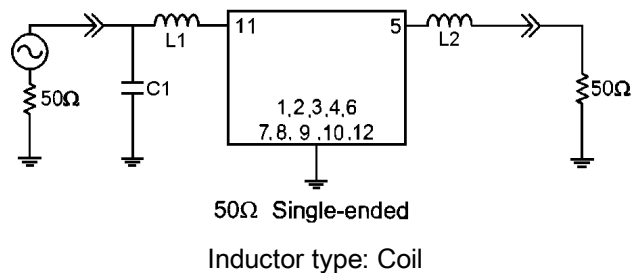
### 2. Specification

Frequency Characteristics		Minimum	Typical	Maximum
Center Frequency	MHz	-	38.00	-
Insertion Loss	dB	-	12.50	14.50
1dB Bandwidth	MHz	0.50	0.58	-
3dB Bandwidth	MHz	0.90	0.98	-
40dB Bandwidth	MHz	-	2.47	2.70
Passband Ripple	dB	-	0.40	1.20
Absolute Delay	μsec	-	1.70	-
Group Delay Variation	nsec	-	150	300
Ultimate Attenuation	dB	38	43	-
Substrate Material	-	112-LiTaO <sub>3</sub>		
Temperature Coefficient	ppm/°C	-20		

### Package Dimension



### Matching Configuration



$$L1 = 390\text{nH}, L2 = 240\text{nH} \quad C1 = 180\text{pF}$$

Source / Load Impedance = 50Ω

Ambient Temperature = 25°C

