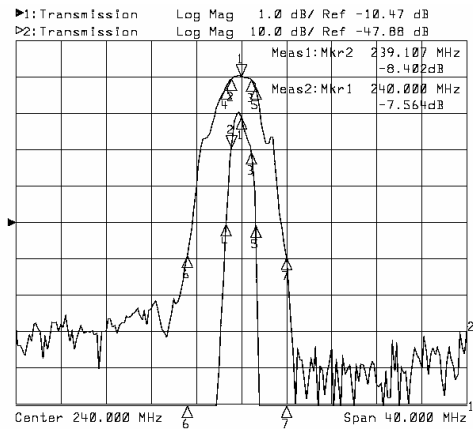


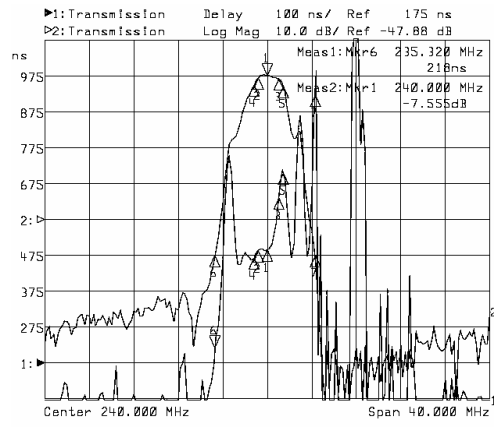
# 240 MHz Low-loss Filter

## Part Number 240025L

### Typical Performance



Horizontal: 4.0MHz/Div  
Vertical: 10dB/Div



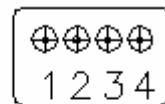
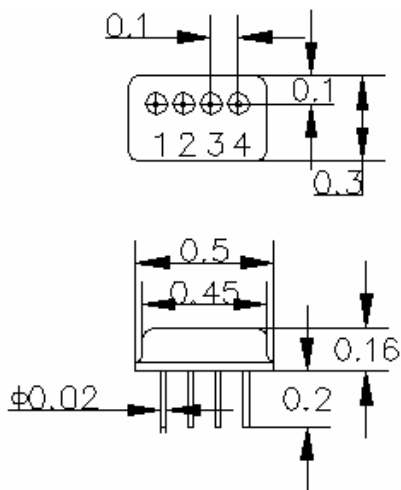
Horizontal: 4.0MHz/Div  
Vertical: 50nsec/Div

NOTE: Date shown is based on tow 240025cascaded configuration

### Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	239.9	240	240.1
Insertion Loss at F <sub>0</sub>	dB		7.5	8.0
1 dB Bandwidth	MHz	1.70	1.75	
3 dB Bandwidth	MHz	2.50	2.65	
60dB Bandwidth	MHz		8.85	8.95
Passband Variation	dB		0.2	0.5
Group Delay Variation	nsec		200	230
Absolute Delay	usec		0.5	
Ultimate Rejection	dB	60	70	
Substrate Material	-		128LiNbO3	
Ambient Temperature	°C	-40	25	85

### Package SB-7



SB-7 IN (OUT) : 1  
OUT (IN) : 4  
GND : 2, 3