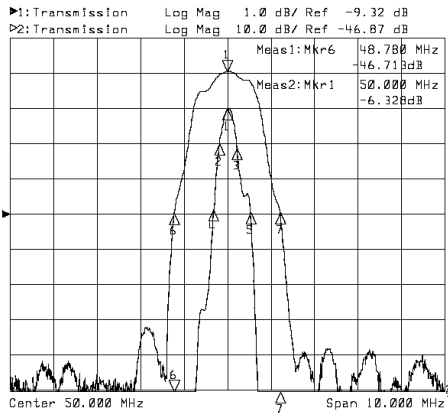


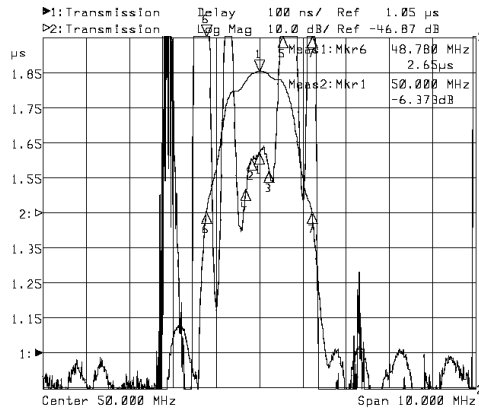
# 50MHz Low-loss Filter

## Part Number 050008L

### Typical Performance



Horizontal: 1.0MHz/Div  
Vertical: 1dB/Div&10dB/Div

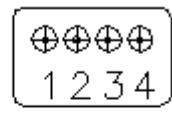
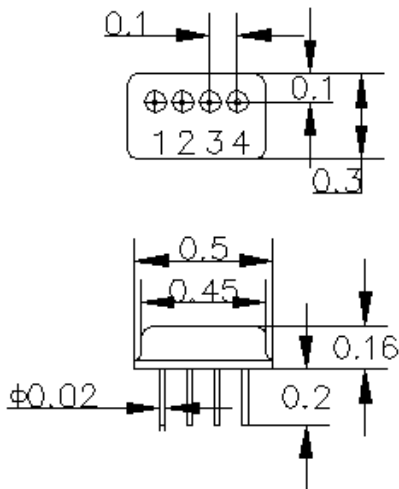


Horizontal: 1.0MHz/Div  
Vertical: 100nsec/Div&10dB/Div

NOTE: Date shown is based on two 050008L cascaded configuration

Specifications				
Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	49.90	50.00	50.10
Insertion Loss at F <sub>0</sub>	dB		6.35	7.25
1 dB Bandwidth	MHz	0.37	0.40	
3 dB Bandwidth	MHz	0.81	0.85	
40dB Bandwidth	MHz		2.43	2.46
Passband Variation	dB		0.20	0.50
Group Delay Variation	nsec		80	150
Absolute Delay	usec		1.62	
Ultimate Rejection	dB	70	75	
Substrate Material	-		128LiNbO3	
Ambient Temperature	°C	-40	25	80

### Package



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