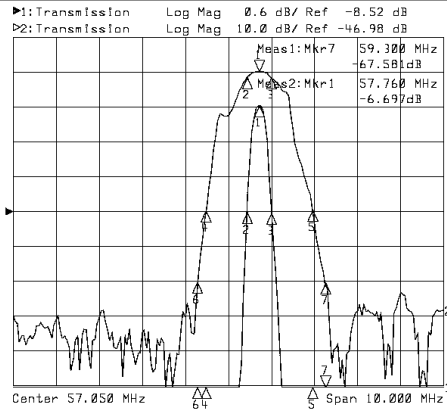


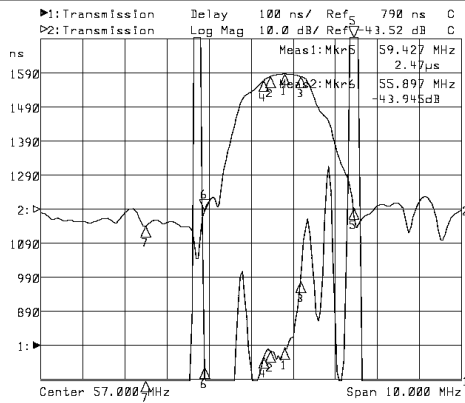
# 57.8MHz Low-loss Filter

## Part Number 058006L

### Typical Performance



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

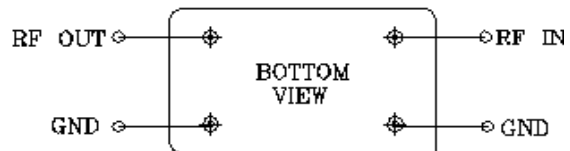
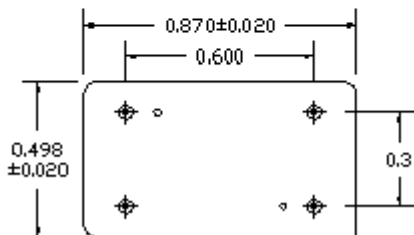
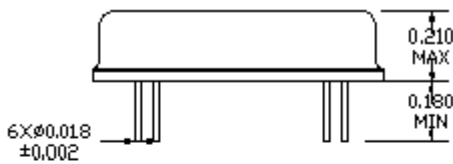


Horizontal: 1.0MHz/Div  
Vertical: 100nsec/Div&10dB/Div

NOTE: Date shown is based on two 058006 cascaded configuration

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	57.70	57.80	57.90
Insertion Loss at F <sub>0</sub>	dB		6.80	6.98
1 dB Bandwidth	MHz	0.34	0.36	
3 dB Bandwidth	MHz	0.53	0.57	
40dB Bandwidth	MHz		2.48	2.50
Passband Variation	dB		0.20	0.30
Group Delay Variation	nsec		250	350
Absolute Delay	usec		0.60	0.62
Ultimate Rejection	dB	68	70	
Substrate Material	-		128LiNbO3	
Ambient Temperature	°C	-40	25	80

### Package



No Matching Required  
 Source/Load Impedance=50ohm  
 Package Style XI