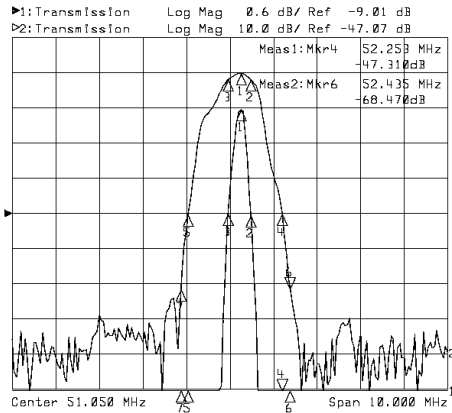


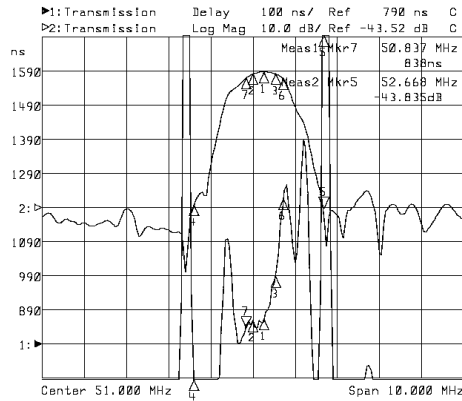
51.3MHz Low-loss Filter

Part Number 051006L

Typical Performance



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



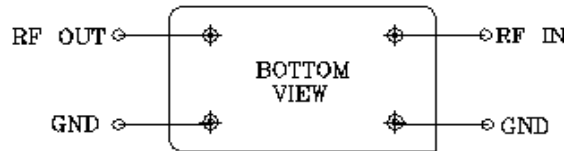
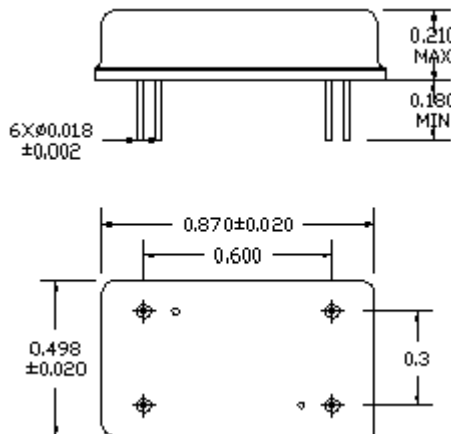
Horizontal: 1.0MHz/Div
Vertical: 100nsec/Div&10dB/Div

NOTE: Date shown is based on two 051006 cascaded configuration

Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	51.20	51.30	51.40
Insertion Loss at F ₀	dB		6.80	6.90
1 dB Bandwidth	MHz	0.25	0.28	
3 dB Bandwidth	MHz	0.50	0.53	
40dB Bandwidth	MHz		2.16	2.20
Passband Variation	dB		0.20	0.40
Group Delay Variation	nsec		200	240
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