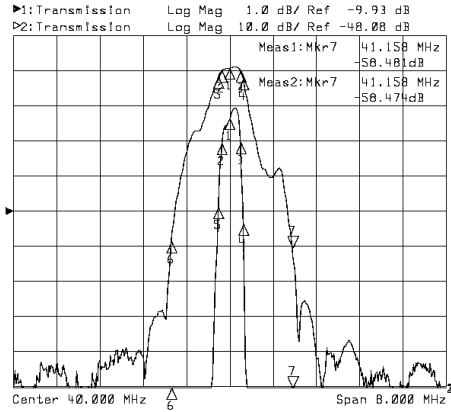


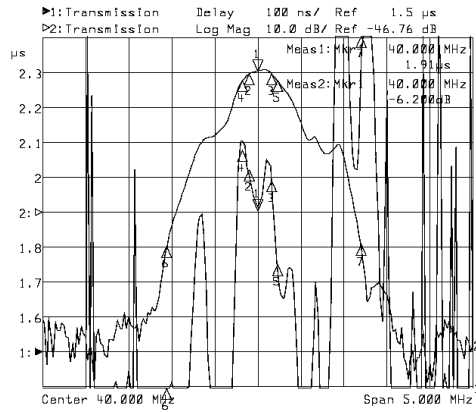
40MHz Low-loss Filter

Part Number 040005L

Typical Performance



Horizontal: 0.8MHz/Div
Vertical: 1dB/Div&10dB/Div

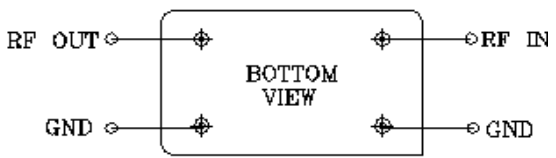
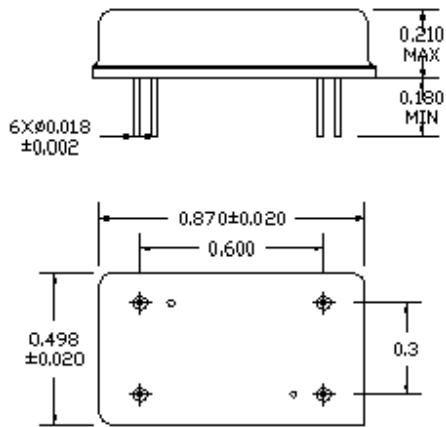


Horizontal: 0.5MHz/Div
Vertical: 100nsec/Div&10dB/Div

Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	39.95	40.00	40.05
Insertion Loss at F ₀	dB		7.50	8.00
1 dB Bandwidth	MHz	0.30	0.34	
3 dB Bandwidth	MHz	0.45	0.50	
50dB Bandwidth	MHz		2.25	2.35
Passband Variation	dB		0.50	0.60
Group Delay Variation	nsec		150	180
Absolute Delay	usec		2.00	2.05
Ultimate Rejection	dB	70	80	
Substrate Material	-		128LiNbO3	
Ambient Temperature	°C	-40	25	80

Package



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