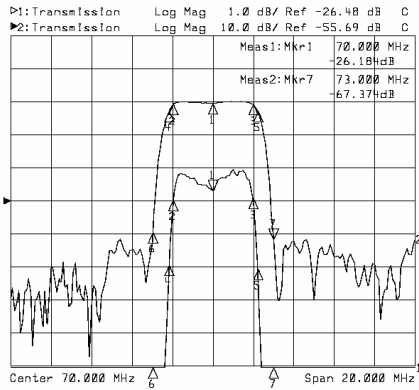
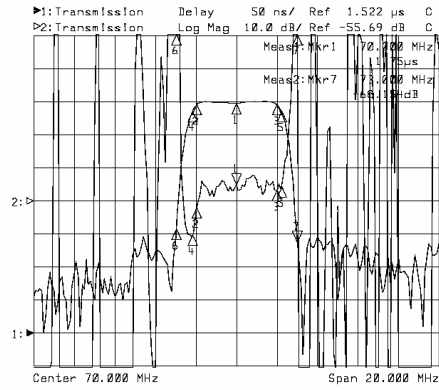


70 MHz Standard Filter
Part Number 070042

Typical Performance



Horizontal: 2MHz/Div
 Vertical: 10dB/Div

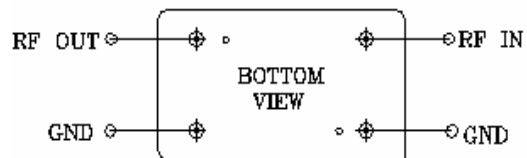
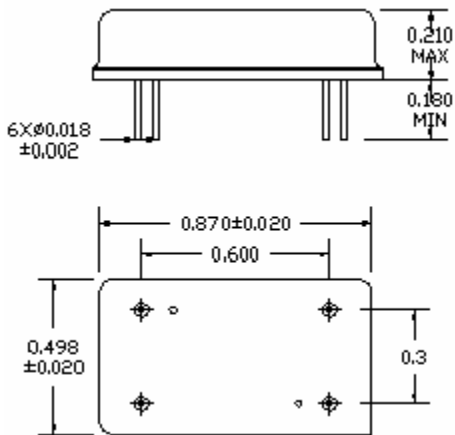


Horizontal: 2MHz/Div
 Vertical: 50nsec/Div

Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	69.9	70.0	70.1
Insertion Loss at F ₀	dB	24	26.0	27
1 dB Bandwidth	MHz	3.85	3.95	
3 dB Bandwidth	MHz	4.20	4.37	
40dB Bandwidth	MHz		5.96	6.1
Passband Variation	dB		0.5	0.7
Phase Linearity	Deg			
Group Delay Variation	nsec		50	70
Absolute Delay	usec		1.3	
Ultimate Rejection	dB	42	45	48
Substrate Material	-		LiTao3	
Ambient Temperature	°C		25	

Package



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