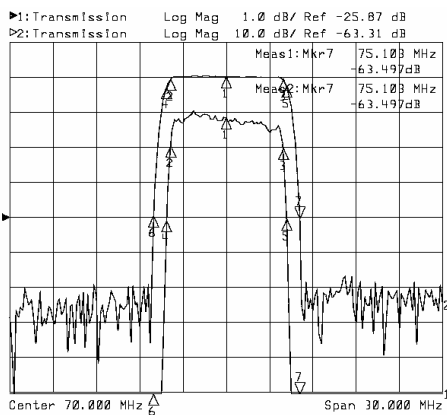


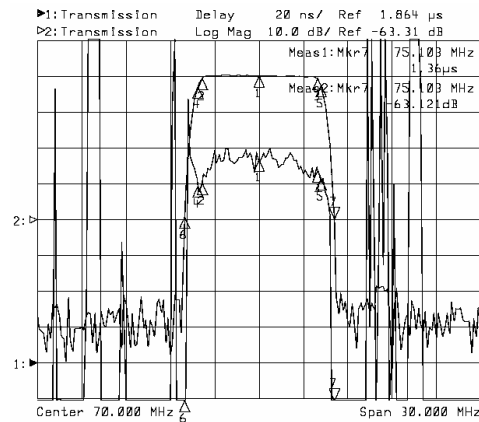
70 MHz Standard Filter

Part Number 070083

Typical Performance



Horizontal: 3MHz/Div
Vertical: 10dB/Div

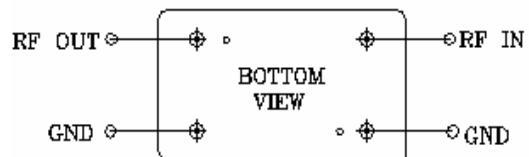
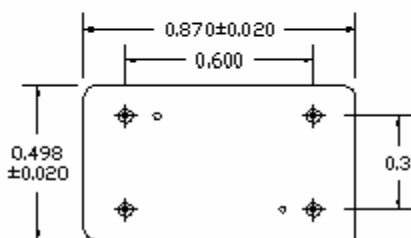
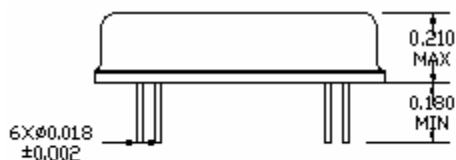


Horizontal: 3MHz/Div
Vertical: 20nsec/Div

Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	69.90	70.0	70.10
Insertion Loss at F ₀	dB		23	25.0
1 dB Bandwidth	MHz	7.5	7.8	
3 dB Bandwidth	MHz	8.0	8.3	
40dB Bandwidth	MHz		10.1	10.3
Passband Variation	dB		0.5	0.8
Phase Linearity	Deg		4.0	5.0
Group Delay Variation	nsec		20	40
Absolute Delay	usec		1.98	
Ultimate Rejection	dB	55	60	
Substrate Material	-		YZ LiNbO ₃	
Ambient Temperature	°C		25	

Package



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