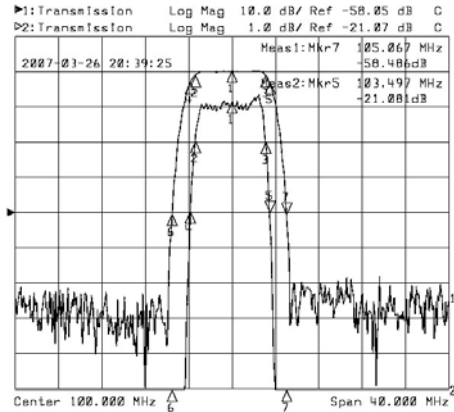


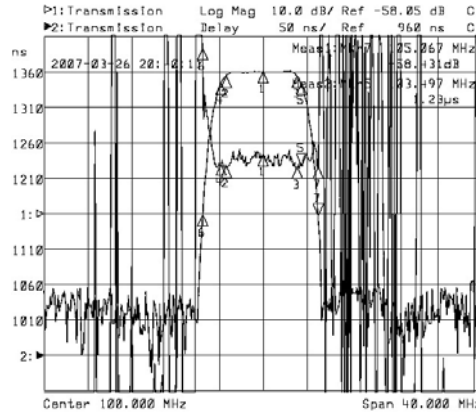
100MHz Standard Filter

Part Number 100070

Typical Performance



Horizontal: 4MHz/Div
Vertical: 1dB/Div&10dB/Div

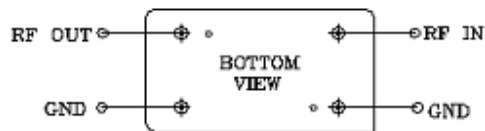
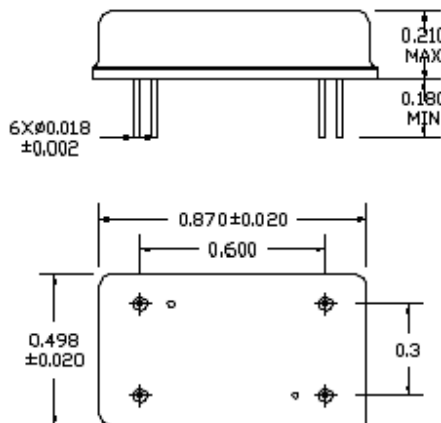


Horizontal: 4MHz/Div
Vertical: 50nsec/Div&10dB/Div

Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	99.80	100.00	100.20
Insertion Loss at F ₀	dB		18.00	19.00
1 dB Bandwidth	MHz	6.20	6.30	
3 dB Bandwidth	MHz	7.00	7.20	
40dB Bandwidth	MHz		10.60	11.00
Passband Variation	dB		0.30	0.50
Group Delay Variation	nsec		30	50
Absolute Delay	usec		1.24	
Ultimate Rejection	dB	55	60	
Substrate Material	-		YZ-LiNbO3	
Ambient Temperature	°C	-40	25	80

Package XI-6



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