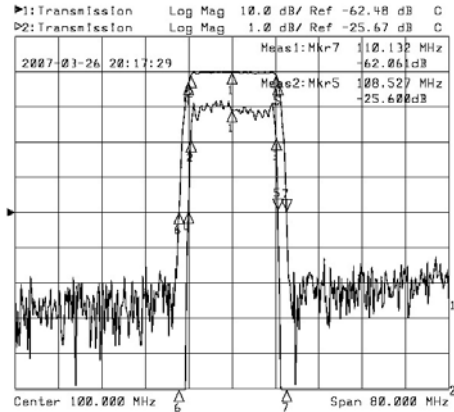


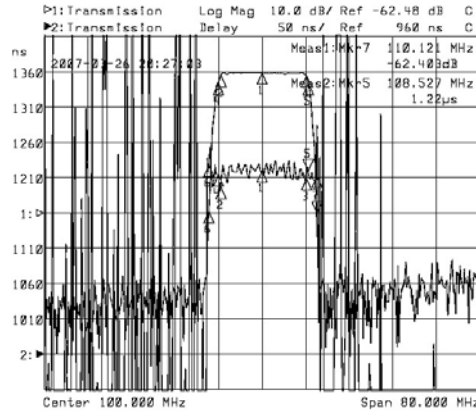
100MHz Standard Filter

Part Number 100160

Typical Performance



Horizontal: 8MHz/Div
Vertical: 1dB/Div&10dB/Div

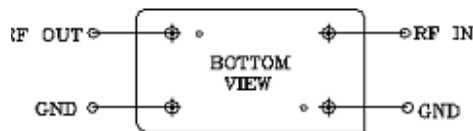
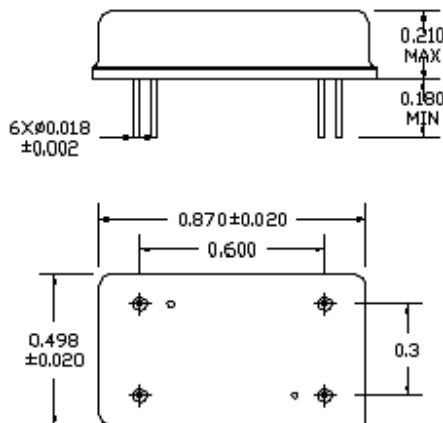


Horizontal: 8MHz/Div
Vertical: 50nsec/Div&10dB/Div

Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	99.75	100.00	100.25
Insertion Loss at F ₀	dB		22.70	23.00
1 dB Bandwidth	MHz	15.50	15.65	
3 dB Bandwidth	MHz	16.40	16.55	
40dB Bandwidth	MHz		19.80	19.90
Passband Variation	dB		0.30	0.50
Group Delay Variation	nsec		20	50
Absolute Delay	usec		1.22	
Ultimate Rejection	dB	50	55	
Substrate Material	-		128-LiNbO3	
Ambient Temperature	°C	-40	25	80

Package XI-6



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