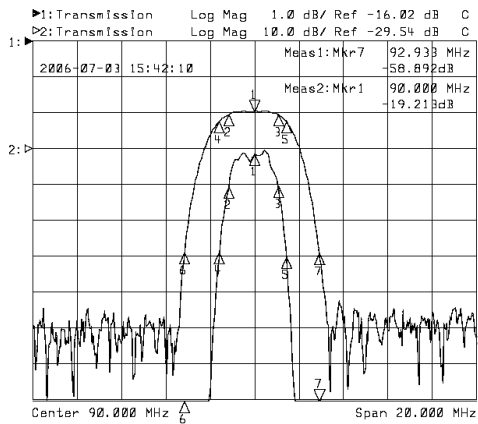


90MHz Standard Filter

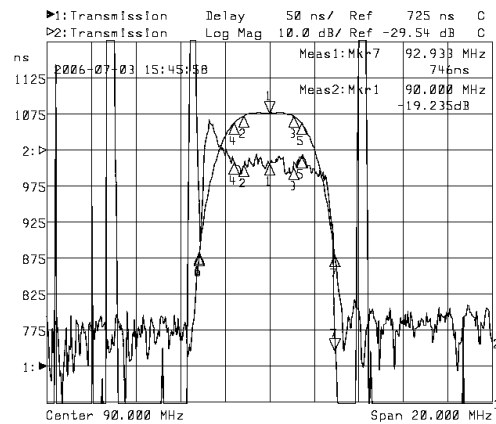
Part Number 090030

Typical Performance



Horizontal: 2MHz/Div

Vertical: 1dB/Div&10dB/Div



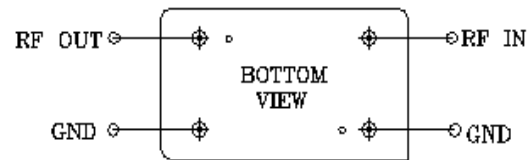
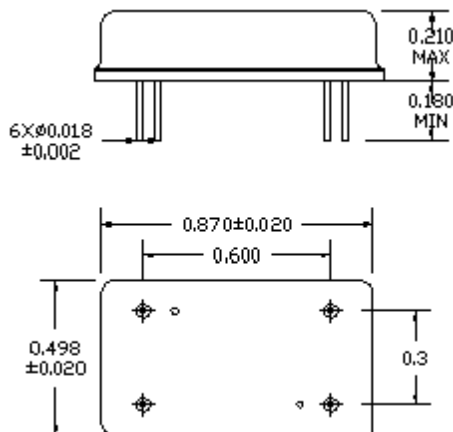
Horizontal: 2MHz/Div

Vertical: 50nsec/Div&10dB/Div

Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	89.90	90.00	90.10
Insertion Loss at F_0	dB		19.48	19.87
1 dB Bandwidth	MHz	2.34	2.51	
3 dB Bandwidth	MHz	3.10	3.22	
40dB Bandwidth	MHz		6.02	6.12
Passband Variation	dB		0.40	0.50
Group Delay Variation	nsec		30	50
Absolute Delay	usec		1.01	
Ultimate Rejection	dB	52	55	
Substrate Material	-		LiTaO ₃	
Ambient Temperature	°C	-40	25	80

Package



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