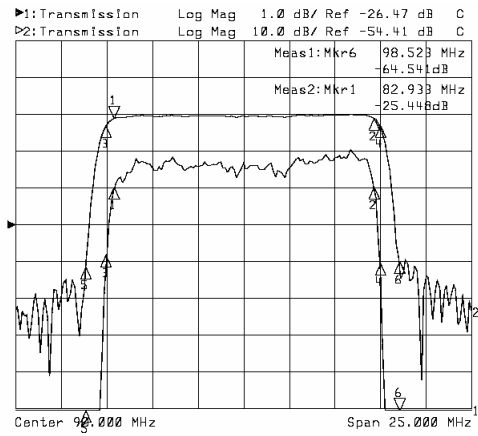
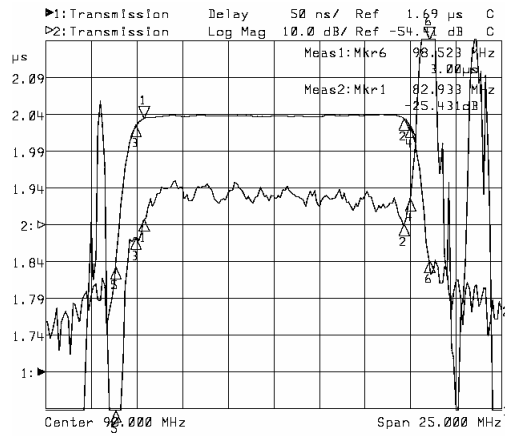


**90MHz Standard Filter**  
**Part Number 090145**

**Typical Performance**



Horizontal: 2.5MHz/Div  
 Vertical: 10dB/Div

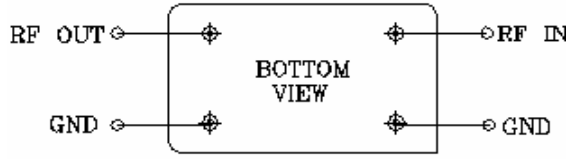
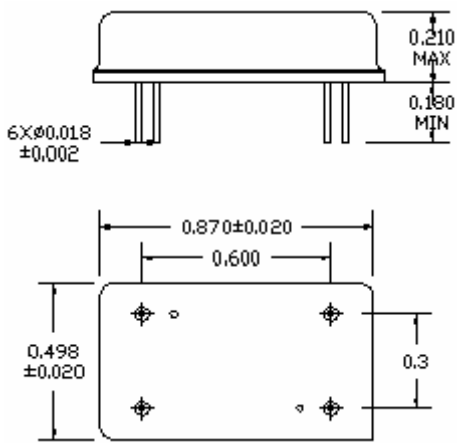


Horizontal: 2.5MHz/Div  
 Vertical: 50nsec/Div

**Specifications**

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	89.90	90.0	90.10
Insertion Loss at F <sub>0</sub>	dB		25.0	
1 dB Bandwidth	MHz		14.20	
3 dB Bandwidth	MHz		14.98	
40dB Bandwidth	MHz		17.18	
Passband Variation	dB		0.8	
Phase Linearity	Deg			
Group Delay Variation	nsec		80	
Absolute Delay	usec		1.94	
Ultimate Rejection	dB		40	
Substrate Material	-		128LiNbO3	
Ambient Temperature	°C		25	

**Package XI**



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