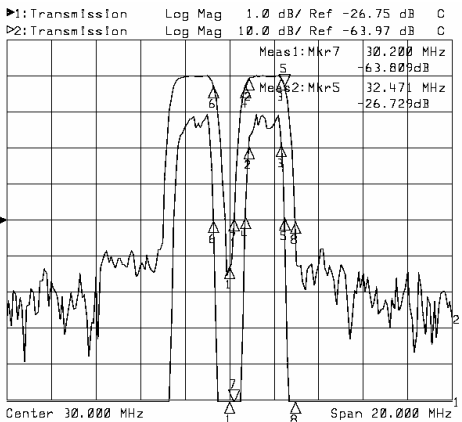
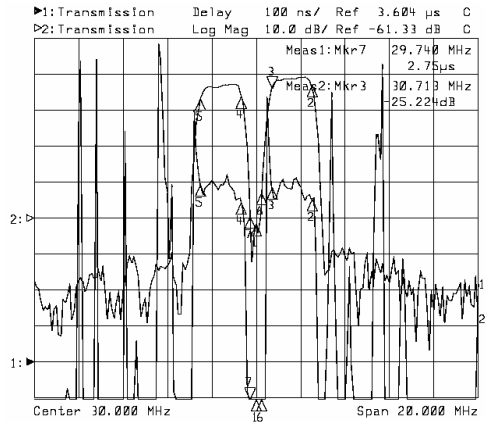


**30 MHz Pitfall Filter**  
**Part Number S030050**

**Typical Performance**



Horizontal: 2MHz/Div  
 Vertical: 10dB/Div

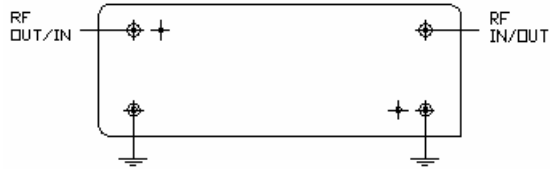
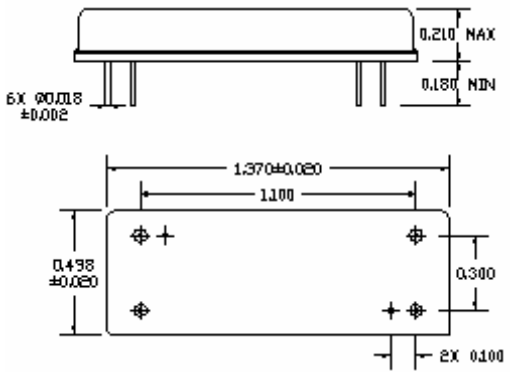


Horizontal: 2MHz/Div  
 Vertical: 100nsec/Div

**Specifications**

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	29.9	30	30.1
Insertion Loss at F <sub>0</sub>	dB		25.0	
1 dB Bandwidth	MHz		4.65	
3 dB Bandwidth	MHz		4.96	
40dB Bandwidth	MHz		5.92	
Passband Variation	dB		1.0	
@30MHz Rejection	dB		50	
Group Delay Variation	nsec		50	
Absolute Delay	usec		2.5	
Ultimate Rejection	dB		50	
Substrate Material	-		128LiNbO3	
Ambient Temperature	°C		25	

**Package XW**



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