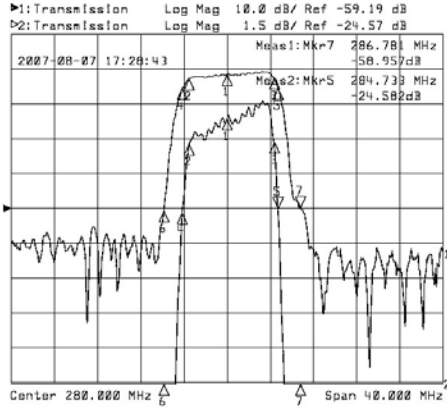


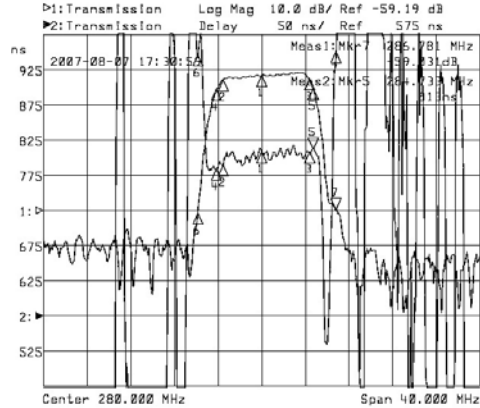
# 280MHz Standard Filter

## Part Number 280082

### Typical Performance



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

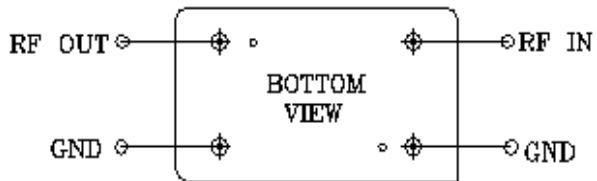
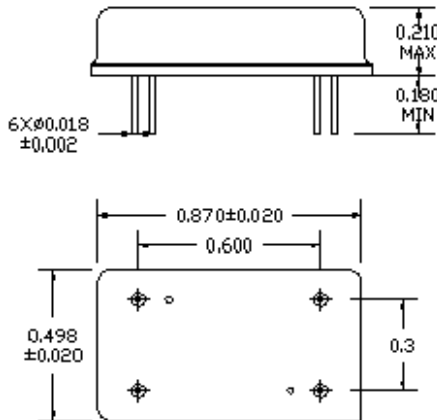


Horizontal: 4MHz/Div  
Vertical: 50nsec/Div&10dB/Div

### Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	279.90	280.00	280.10
Insertion Loss at F <sub>0</sub> (with match)	dB		20.50	21.50
1 dB Bandwidth	MHz	7.90	8.00	
3 dB Bandwidth	MHz	8.40	8.50	
40 dB Bandwidth	MHz		12.00	13.00
Passband Variation	dB		1.50	1.70
Group Delay Variation	nsec		50	70
Absolute Delay	usec		0.81	
Ultimate Rejection	dB	45	48	
Substrate Material	-		112-LiTaO3	
Ambient Temperature	°C	+10	25	+75

### Package



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