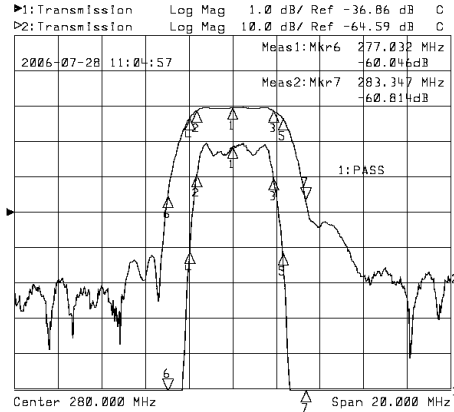


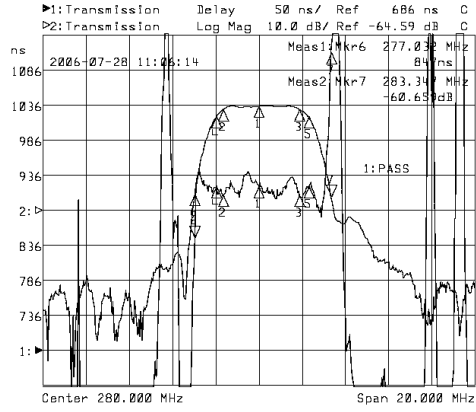
# 280MHz Standard Filter

## Part Number 280040

### Typical Performance



Horizontal: 2MHz/Div  
Vertical: 1dB/Div&10dB/Div

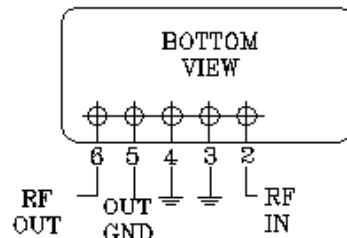
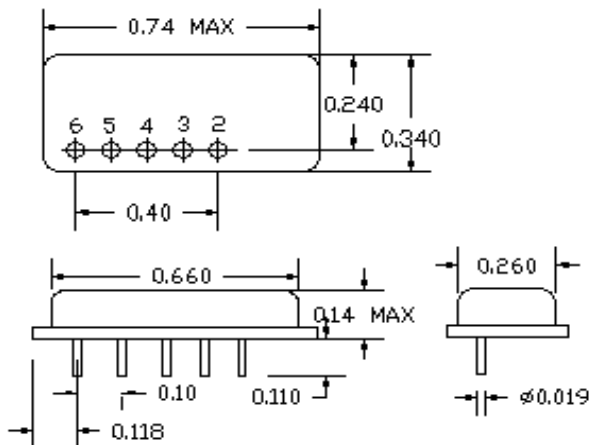


Horizontal: 2MHz/Div  
Vertical: 50nsec/Div&10dB/Div

### Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	279.75	280.00	280.25
Insertion Loss at F <sub>0</sub>	dB		35.04	35.20
1 dB Bandwidth	MHz	3.50	3.53	
3dB Bandwidth	MHz	4.15	4.25	
12 dB Bandwidth	MHz		5.40	5.48
25dB Bandwidth	MHz		6.32	6.40
Passband Variation	dB		0.30	0.60
Group Delay Variation	nsec		40	50
Absolute Delay	usec		0.92	
Ultimate Rejection	dB	40	42	
Substrate Material	-		Quartz	
Ambient Temperature	°C	-40	25	80

### Package



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