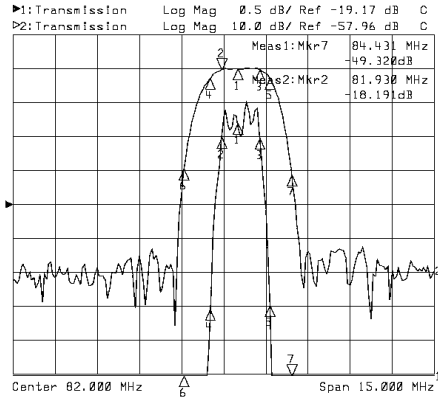


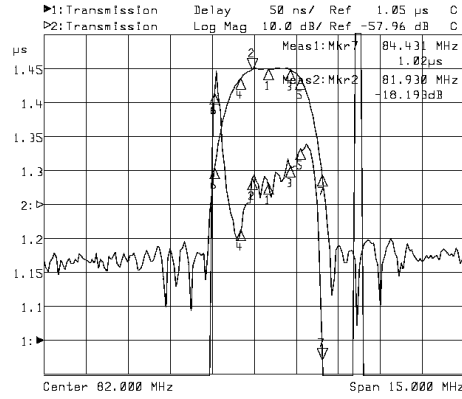
# 82.5MHz Standard Filter

## Part Number 082020

### Typical Performance



Horizontal: 1.5MHz/Div  
Vertical: 1dB/Div&10dB/Div

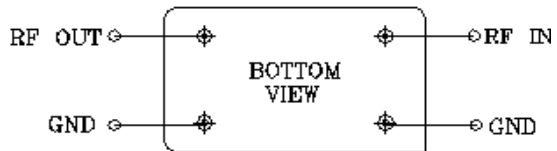
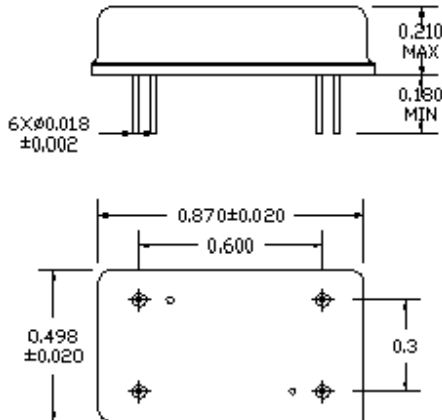


Horizontal: 1.5MHz/Div  
Vertical: 50nsec/Div&10dB/Div

### Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	82.40	82.50	82.60
Insertion Loss at F <sub>0</sub>	dB		18.01	18.52
0.5 dB Bandwidth	MHz	1.28	1.36	
3 dB Bandwidth	MHz	2.04	2.13	
30dB Bandwidth	MHz		3.84	3.98
Passband Variation	dB		0.40	0.50
Group Delay Variation	nsec		100	150
Absolute Delay	usec		1.31	1.32
Ultimate Rejection	dB	48	50	
Substrate Material	-		LiTaO <sub>3</sub>	
Ambient Temperature	°C	-40	25	80

### Package



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