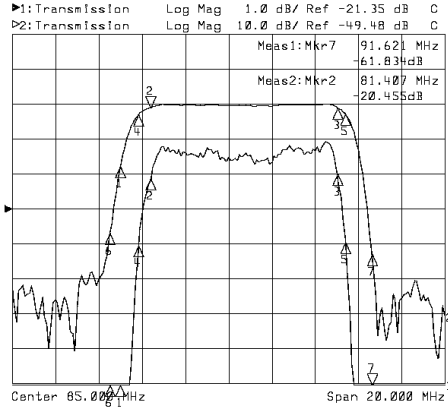


# 85MHz Standard Filter

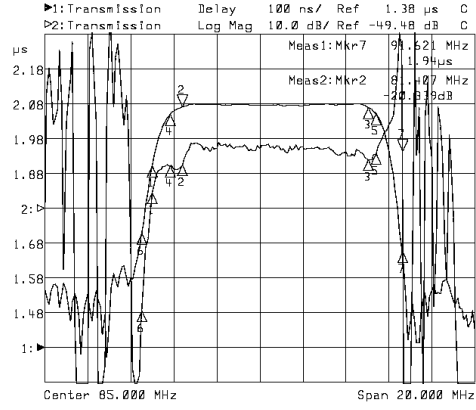
## Part Number 085100

### Typical Performance



Horizontal: 2MHz/Div

Vertical: 1dB/Div&10dB/Div



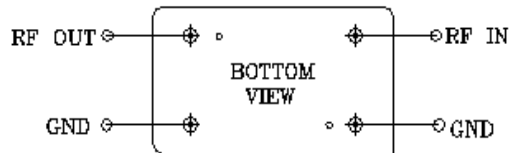
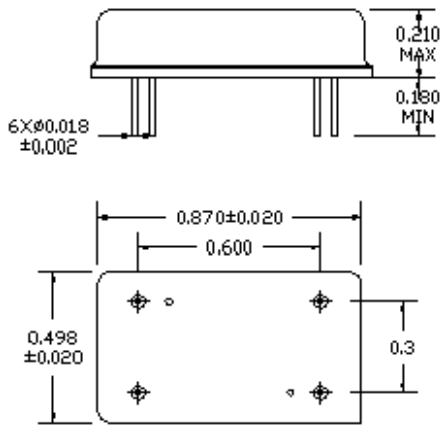
Horizontal: 2MHz/Div

Vertical: 100nsec/Div&10dB/Div

### Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	85.50	85.60	85.70
Insertion Loss at F <sub>0</sub>	dB		20.00	20.70
1 dB Bandwidth	MHz	8.42	8.60	
3 dB Bandwidth	MHz	9.46	9.60	
40dB Bandwidth	MHz		12.10	12.43
Passband Variation	dB		0.80	1.00
Group Delay Variation	nsec		50	70
Absolute Delay	usec		1.98	2.00
Ultimate Rejection	dB	48	50	
Substrate Material	-		YZ LiNbO <sub>3</sub>	
Ambient Temperature	°C	-40	25	80

### Package



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