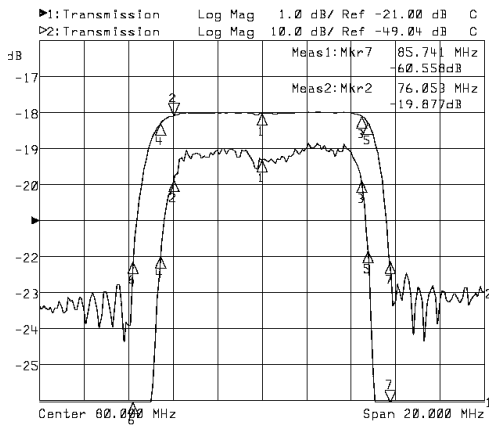


# 80MHz Standard Filter

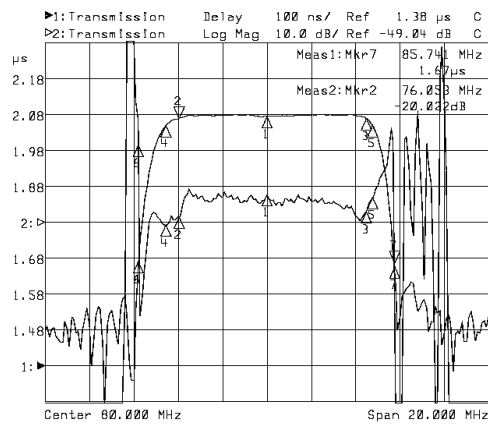
## Part Number 080094

### Typical Performance



Horizontal: 2MHz/Div

Vertical: 1dB/Div&10dB/Div



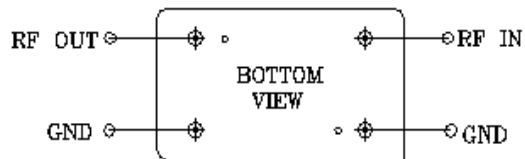
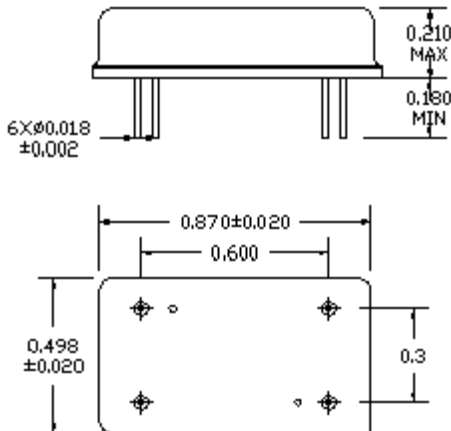
Horizontal: 2MHz/Div

Vertical: 100nsec/Div&10dB/Div

### Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	79.90	80.00	80.10
Insertion Loss at F <sub>0</sub>	dB		21.00	22.03
1 dB Bandwidth	MHz	8.23	8.43	
3 dB Bandwidth	MHz	9.11	9.31	
40dB Bandwidth	MHz		11.53	11.73
Passband Variation	dB		0.80	1.00
Group Delay Variation	nsec		80	120
Absolute Delay	usec		1.70	1.72
Ultimate Rejection	dB	42	45	
Substrate Material	-		YZ LiNbO <sub>3</sub>	
Ambient Temperature	°C	-40	25	80

### Package



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