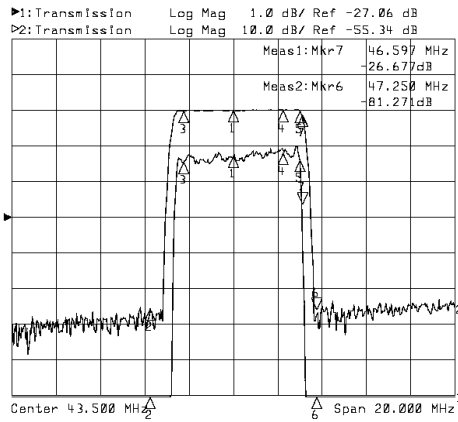


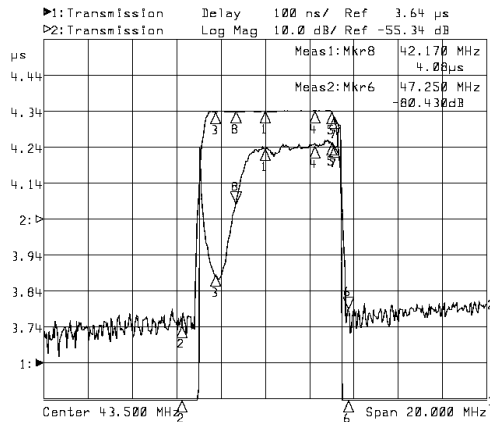
# 43.5MHz CATV Filter

## Part Number M4408S

### Typical Performance



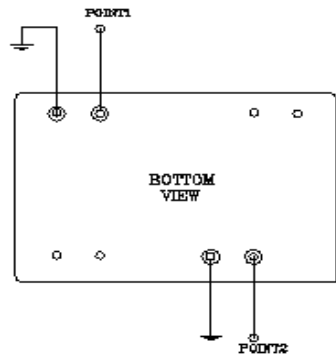
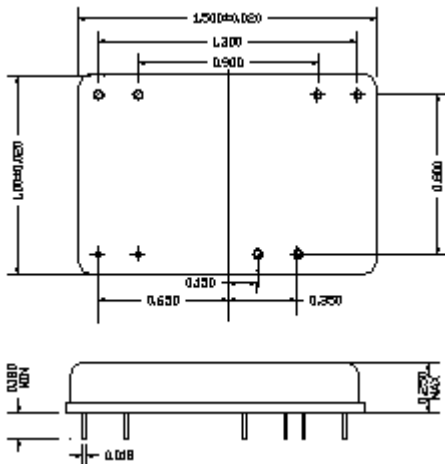
Horizontal: 2MHz/Div  
Vertical: 1dB/Div&10dB/Div



Horizontal: 2MHz/Div  
Vertical: 100nsec/Div&10dB/Div

Specifications				
Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	43.40	43.50	43.60
Insertion Loss at 45.55MHz	dB		25.00	26.50
40.90MHz	dB	-1.20	-1.00	
46.50MHz	dB	-1.20	-1.00	0.80
47.25MHz	dB	-55.00	-50.00	
Passband Variation	dB		0.40	0.60
Group Delay@41.57MHz	nsec		-330	-370
Group Delay@42.17MHz	nsec		-130	-180
TTS	dB		50	60
Ultimate Rejection	dB	50	55	
Substrate Material	-		YZ-LiNbO3	
Ambient Temperature	°C	-40	25	80

### Package



No Matching Required  
Source/Load Impedance=50ohm  
Package Style X3