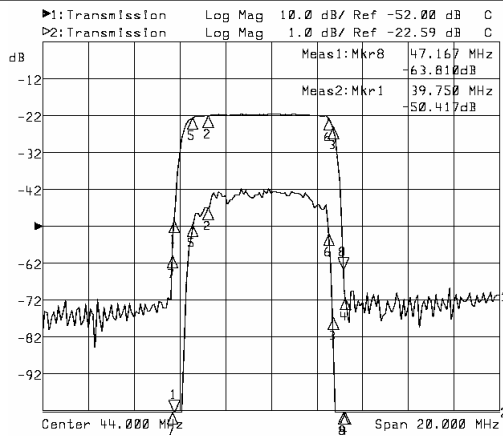


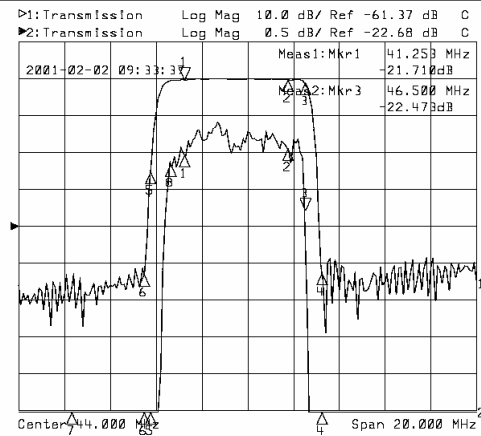
# 44 MHz CATV Filter (NTSC)

Part Number MDS-6

## Typical Performance



Horizontal: 2MHz/Div  
Vertical: 50dB/Div

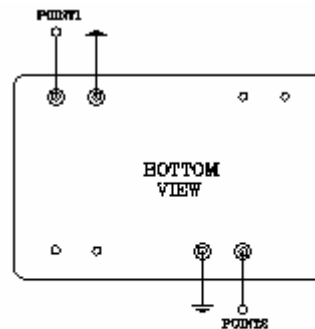
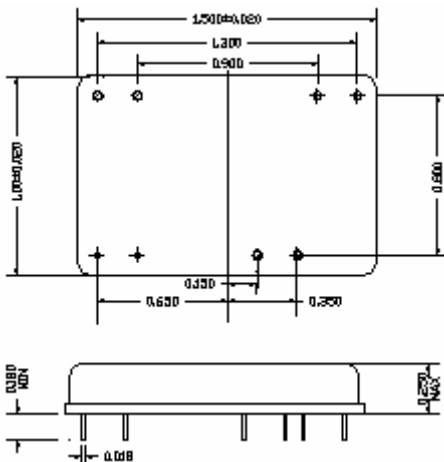


Horizontal: 2MHz/Div  
Vertical: 50nsec/Div

## Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz		44.0	
Insertion Loss at F <sub>0</sub>	dB		23.0	
@41.25MHz	dB		-0.5	
@47.25MHz	dB		-50	
@46.50MHz	dB		-1.5	
@39.75MHz	dB		-30	
Passband Variation	dB		0.6	
Group Delay Variation	nsec		80	
Absolute Delay	usec		3.5	
Ultimate Rejection	dB		50	
Substrate Material	-		128LiNbO3	
Ambient Temperature	°C		25	

## Package



No Matching Required  
Source/Load Impedance-50ohm  
Package Style YS