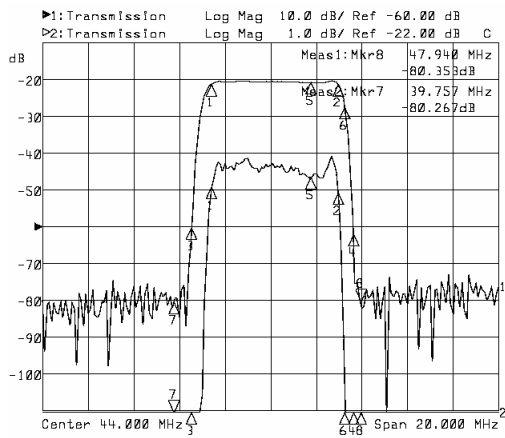


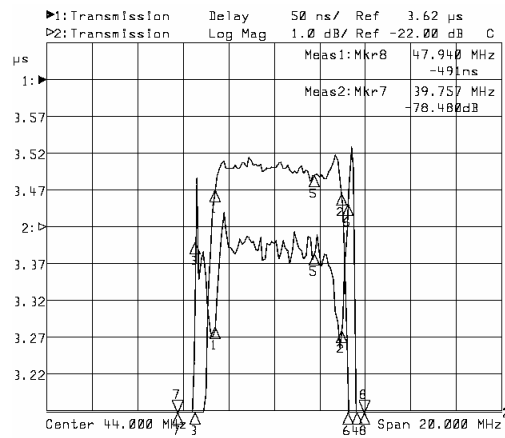
44 MHz CATV Filter (NTSC)

Part Number MDS-8

Typical Performance



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

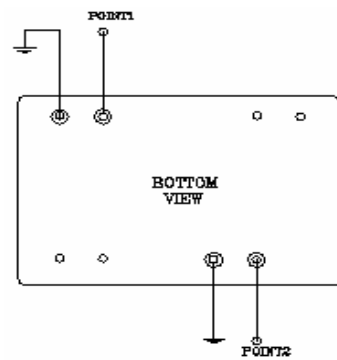
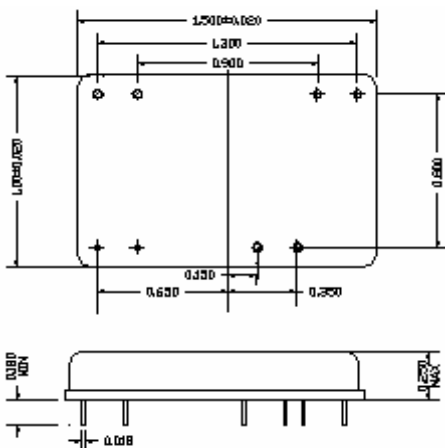


Horizontal: 2MHz/Div
Vertical: 50nsec/Div

Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz		44.0	
Insertion Loss at F ₀	dB		23.0	
@41.40MHz	dB		-1.0	
@47.00MHz	dB		-1.0	
@40.50MHz	dB		-40	
@48.00MHz	dB		-50	
Passband Variation	dB		0.6	
Group Delay Variation	nsec		100	
Absolute Delay	usec		3.4	
Ultimate Rejection	dB		50	
Substrate Material	-		128LiNbO3	
Ambient Temperature	°C		25	

Package



No Matching Required
 Source/Load Impedance=50ohm
 Package Style X8