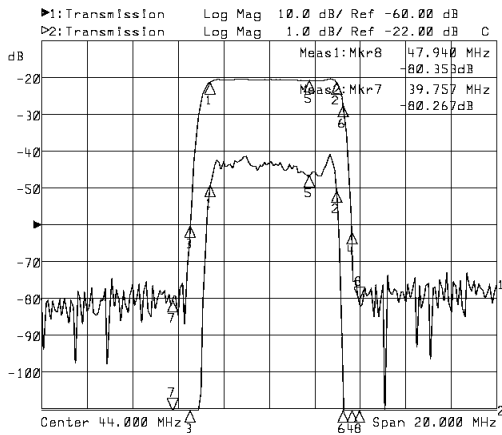


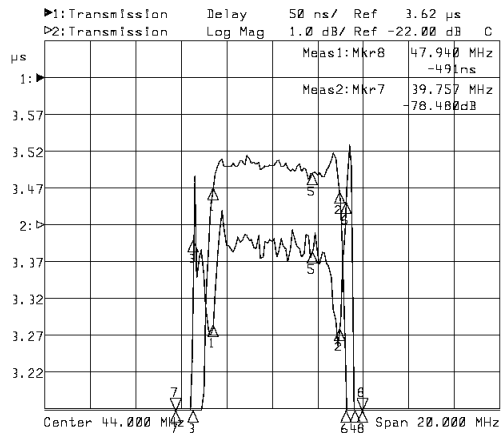
44MHz CATV Filter (NTSC)

Part Number MDS-8

Typical Performance



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

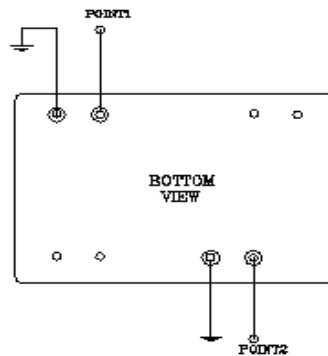
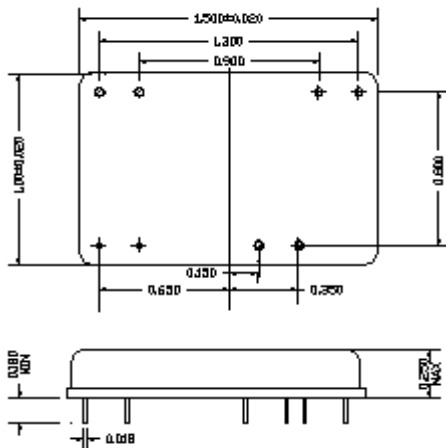


Horizontal: 2MHz/Div
Vertical: 50nsec/Div&10dB/Div

Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	43.90	44.00	44.10
Insertion Loss at F0	dB		23.00	24.52
@41.40MHz	dB	-0.95	-1.00	
@47.00MHz	dB	-0.95	-1.00	
@40.50MHz	dB		-40.00	-40.75
@48.00MHz	dB		-50.00	-50.85
Passband Variation	dB		0.60	0.80
Group Delay Variation	nsec		100	120
Absolute Delay	usec		3.40	3.43
Ultimate Rejection	dB	48	50	
Substrate Material	-		128LiNbO3	
Ambient Temperature	°C	-40	25	80

Package



No Matching Required
Source/Load Impedance=50ohm
Package Style 38