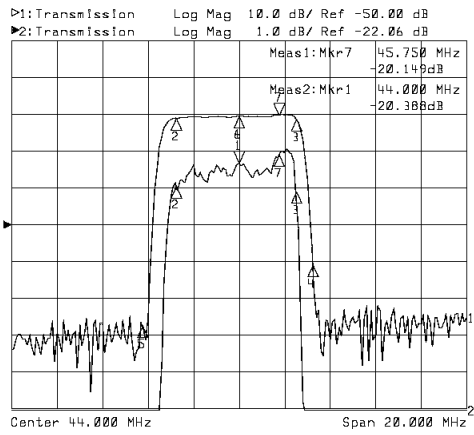


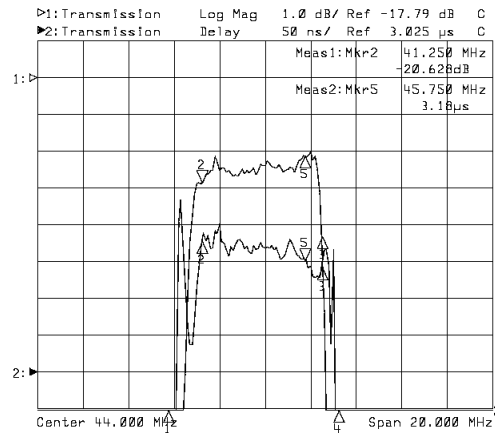
44MHz CATV Filter (NTSC)

Part Number MDS-6D

Typical Performance



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

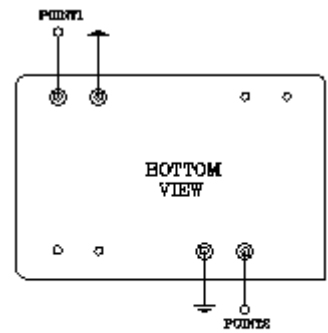
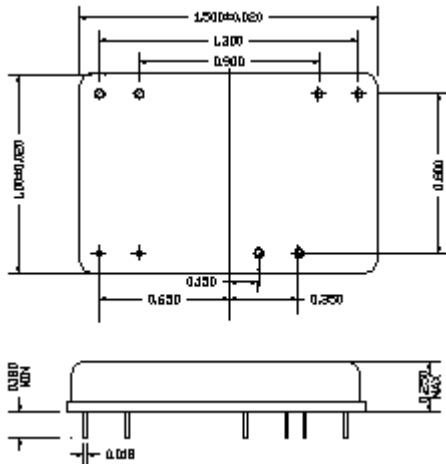


Horizontal: 2MHz/Div
Vertical: 50nsec/Div&10dB/Div

Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	43.90	44.0	44.10
Insertion Loss at F0	dB		22.00	24.50
@41.25MHz	dB	-0.98	-1.00	
@47.00MHz	dB	-0.98	-1.00	
@47.80MHz	dB		-45.00	-45.78
@40.00MHz	dB		-50.00	-50.69
Passband Variation	dB		0.60	0.80
Group Delay Variation	nsec		100	120
Absolute Delay	usec		3.15	3.16
Ultimate Rejection	dB	48	50	
Substrate Material	-		128LiNbO3	
Ambient Temperature	°C	-40	25	80

Package



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