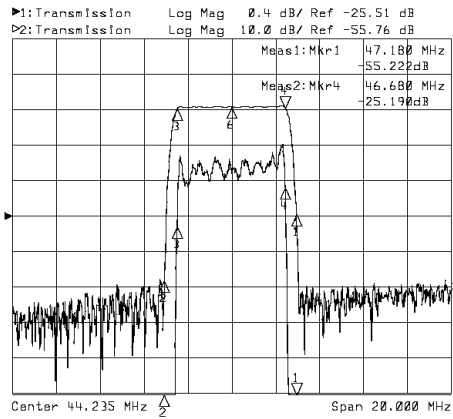


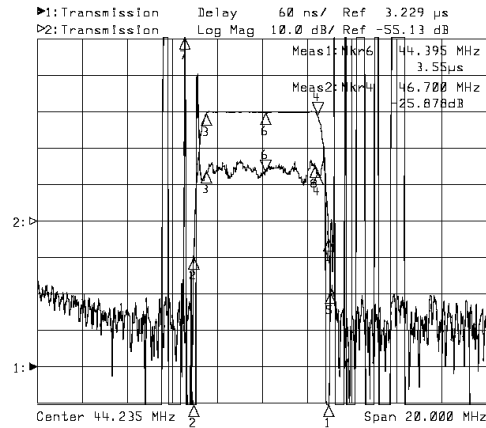
44.25MHz CATV Filter

Part Number M-18S (044050)

Typical Performance



Horizontal: 2MHz/Div
Vertical: 0.4db&10dB/Div

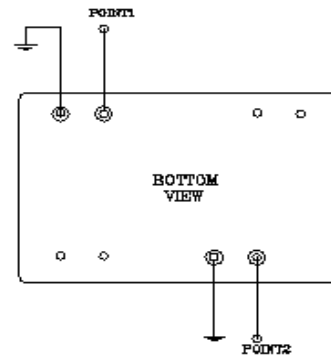
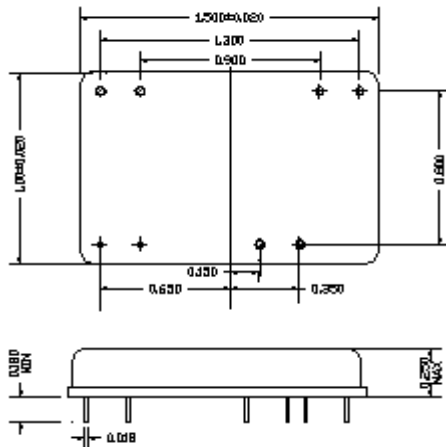


Horizontal: 2MHz/Div
Vertical: 60nsec/Div&10dB/Div

Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	44.15	44.25	44.35
Insertion Loss at F0	dB		26.00	27.50
@41.77MHz	dB	-0.98	-1.00	
@46.70MHz	dB	-0.98	-1.00	
@41.20MHz	dB	30.00	-35.00	
@47.20MHz	dB	30.00	-35.00	
Passband Variation	dB		0.40	0.60
Group Delay Variation	nsec		50	80
Absolute Delay	usec		3.55	3.58
Ultimate Rejection	dB	48	50	
Substrate Material	-		YZ-LiNbO3	
Ambient Temperature	°C	-40	25	80

Package



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