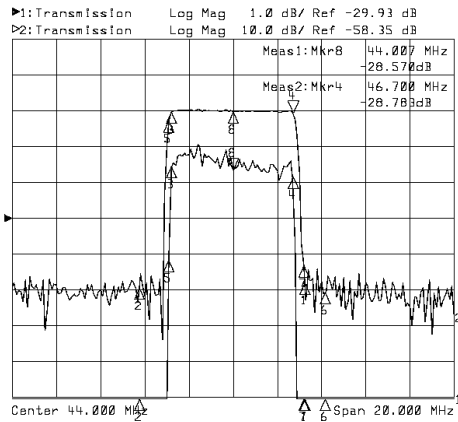


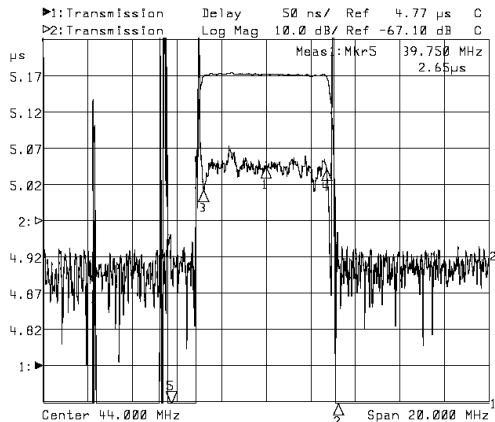
44MHz CATV Filter

Part Number M044057S

Typical Performance



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

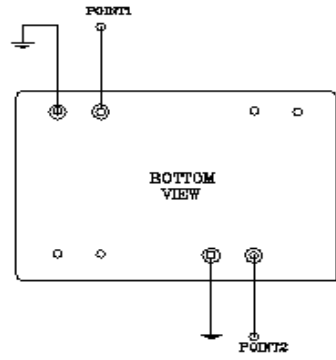
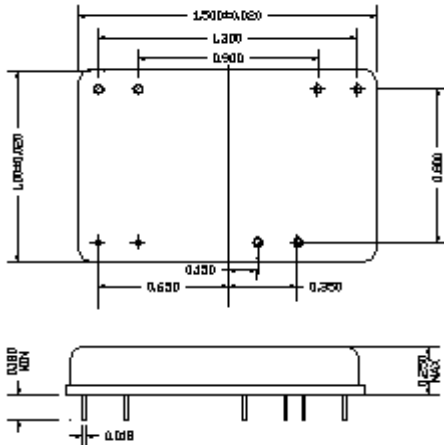


Horizontal: 2MHz/Div
Vertical: 50nsec/Div&10dB/Div

Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	43.90	44.00	44.10
Insertion Loss at F0	dB		26.00	27.50
@41.10MHz	dB	-3.20	-3.30	
@46.70MHz	dB	-1.18	-1.20	
@41.00MHz	dB		-9.00	-9.30
@47.00MHz	dB		-17.00	-17.20
Passband Variation	dB		0.80	1.00
Group Delay Variation	nsec		50	60
Absolute Delay	usec		5.00	5.02
Ultimate Rejection	dB	45	48	
Substrate Material	-		YZ-LiNbO3	
Ambient Temperature	°C	-40	25	80

Package



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