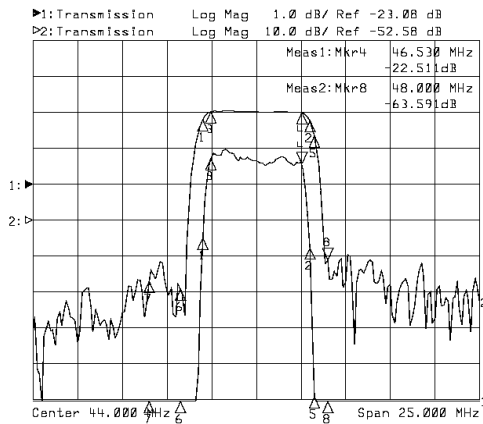


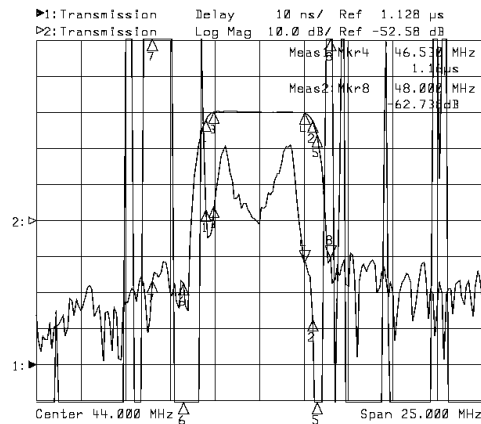
44MHz CATV Filter

Part Number M6965P

Typical Performance



Horizontal: 2.5MHz/Div
Vertical: 1dB/Div&10dB/Div

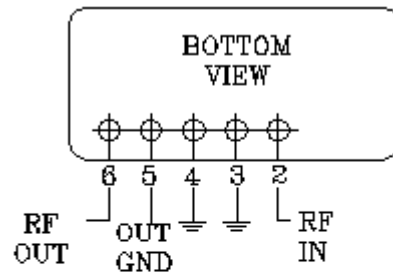
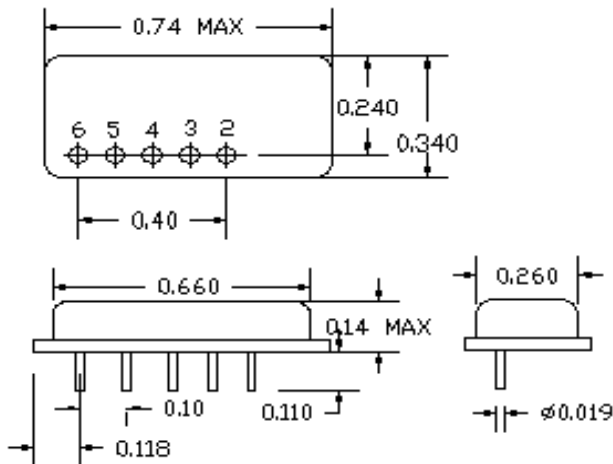


Horizontal: 2.5MHz/Div
Vertical: 10nsec/Div&10dB/Div

Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	43.90	44.00	44.10
Insertion Loss	dB		22.50	23.00
41.00MHz	dB		-2.50	-3.50
47.00MHz	dB		-2.80	-4.00
46.53MHz	dB		-0.60	-0.80
48.00MHz	dB	-37.00	-40.00	
39.75MHz	dB	-40.00	-48.00	
Group Delay Ripple(41.53-46.59MHz)	nsec		30	40
Passband Variation	dB		0.60	0.80
Ultimate Rejection	dB	38	40	
Substrate Material	-		128LiNbO3	
Ambient Temperature	°C	-40	25	80

Package



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