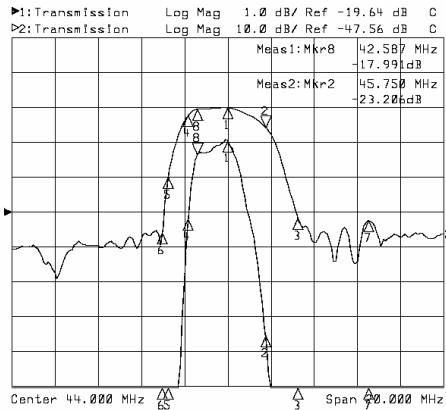


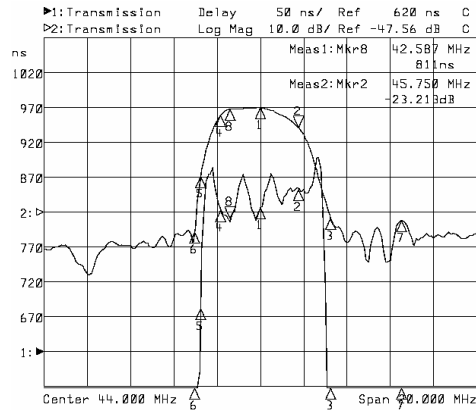
44 MHz CATV NYQUISTER Filter

Part Number N4404P (M3271K)

Typical Performance



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

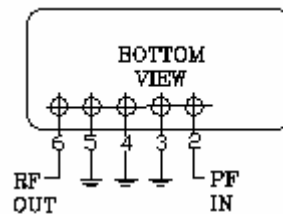
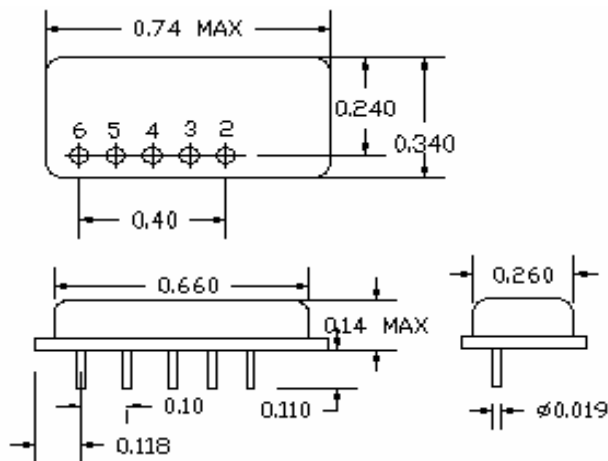


Horizontal: 2MHz/Div
Vertical: 50nsec/Div

Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz		44.0	
Insertion Loss at F ₀	dB		18.0	
@45.75MHz	dB		-5.6	-6.0
@42.17MHz	dB		-2.5	
@47.25MHz	dB		-30	
@41.25MHz	dB		-20	
Passband Variation	dB		0.3	
Group Delay Variation	nsec		70	
Absolute Delay	usec		0.85	
Ultimate Rejection	dB		30	
Substrate Material	-		128LiNbO3	
Ambient Temperature	°C		25	

Package



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