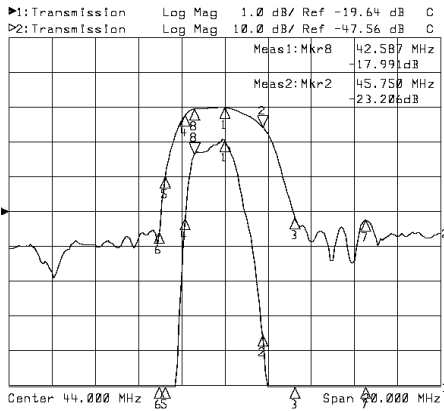


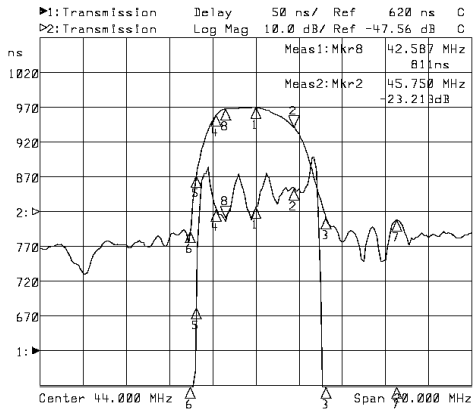
44MHz CATV NYQUISTER Filter

Part Number N4404P (M3271K)

Typical Performance



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

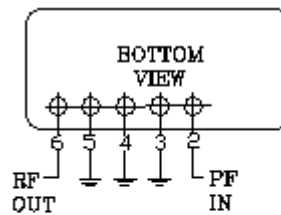
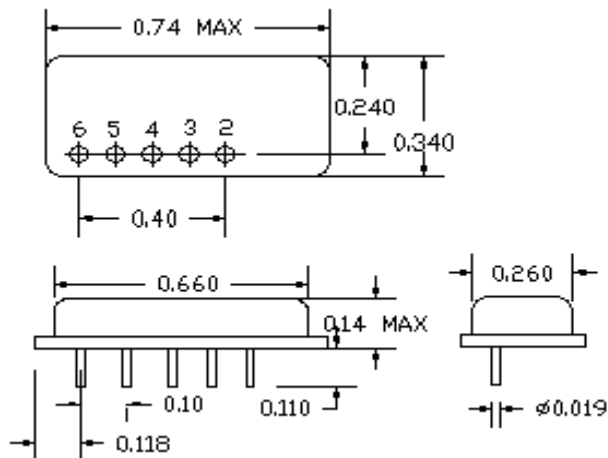


Horizontal: 2MHz/Div
Vertical: 50nsec/Div&10dB/Div

Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	43.90	44.00	44.10
Insertion Loss at F0	dB		18.00	19.00
@45.75MHz	dB		-5.60	-6.00
@42.17MHz	dB	-2.45	-2.50	
@47.25MHz	dB		-30.00	-30.70
@41.25MHz	dB		-20.00	-20.50
Passband Variation	dB		0.30	0.50
Group Delay Variation	nsec		70	100
Absolute Delay	usec		0.85	0.87
Ultimate Rejection	dB	28	30	
Substrate Material	-		128LiNbO3	
Ambient Temperature	°C	-40	25	80

Package



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