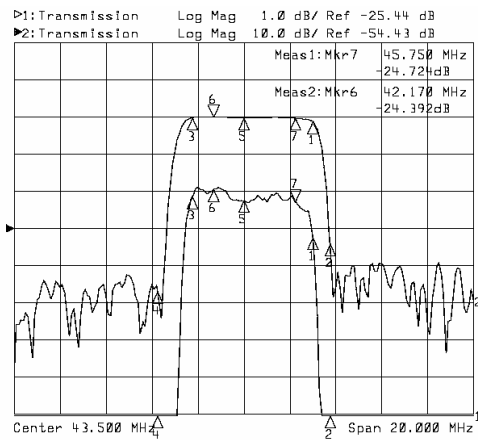


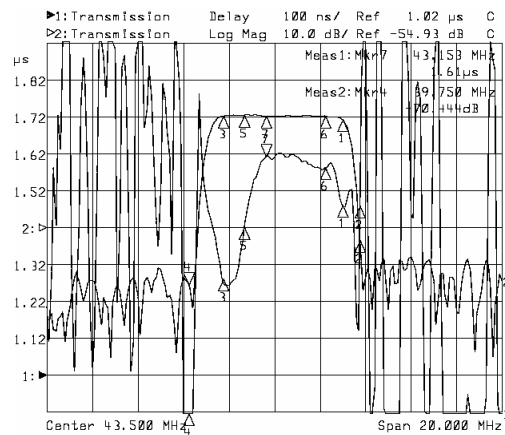
43.5 MHz CATV Filter

Part Number MVF-13

Typical Performance



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

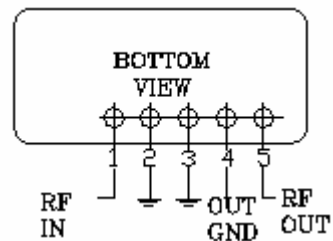
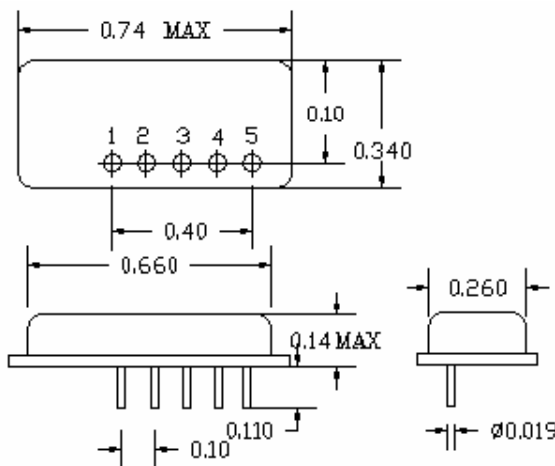


Horizontal: 2MHz/Div
Vertical: 100nsec/Div

Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz		43.5	
Insertion Loss at 45.55MHz	dB		22.3	23
41.25MHz	dB		-0.5	0
46.5MHz	dB		-2.0	-2.5
47.25MHz	dB		-38	-40
Passband Variation	dB		0.6	
Group Delay@41.57MHz	nsec		-330	-370
Group Delay@42.17MHz	nsec		-130	-180
TTS	dB		48	50
Ultimate Rejection	dB		40	
Substrate Material	-		128LiNbO3	
Ambient Temperature	°C		25	

Package



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