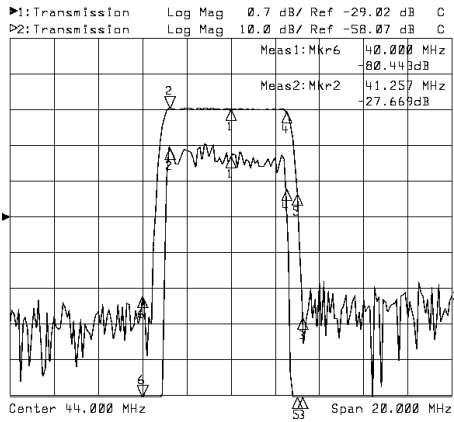


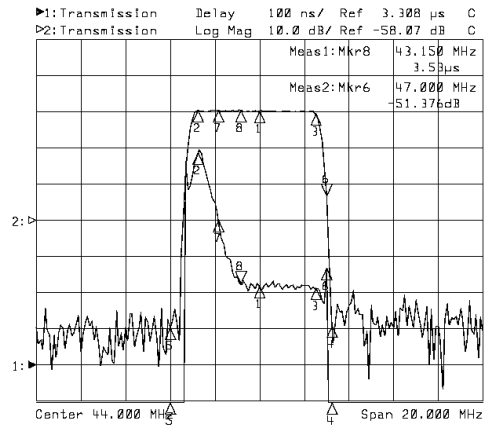
44MHZ NYQUISTER Filter

Part Number N4407S

Typical Performance



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

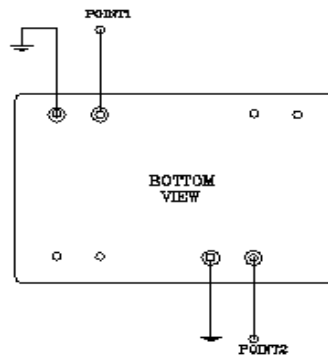
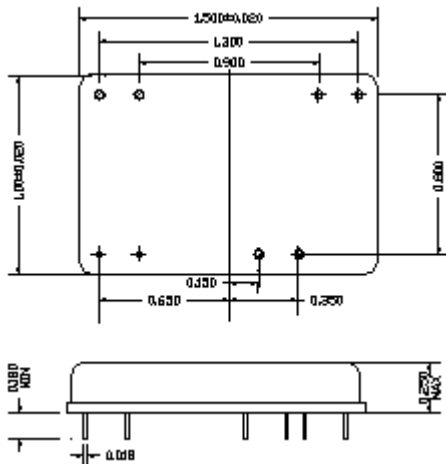


Horizontal: 2MHz/Div
Vertical: 100nsec/Div&10dB/Div

Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	43.775	43.875	43.975
Insertion Loss at 45.75MHz	dB		28.00	29.40
41.25MHz	dB	-0.75	-0.80	
46.50MHz	dB	-0.95	-1.00	
47.25MHz	dB		50.00	51.00
Passband Variation	dB		0.40	0.70
Group Delay@41.55MHz	nsec	-380	-330	-280
@42.17MHz	nsec	-190	-160	-130
TTS	dB		48	50
Ultimate Rejection	dB	48	50	
Substrate Material	-		YZ-LiNbO3	
Ambient Temperature	°C	-40	25	80

Package



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