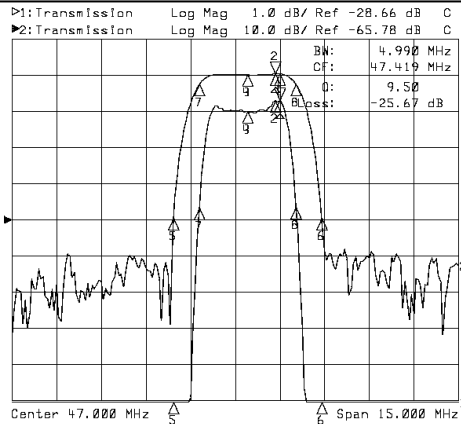


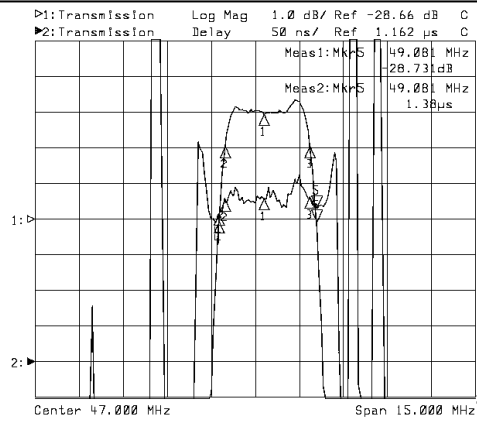
47MHz Standard Filter

Part Number 047030

Typical Performance



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

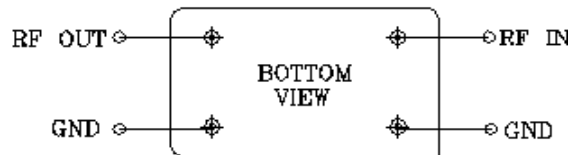
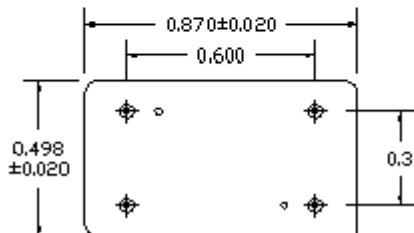
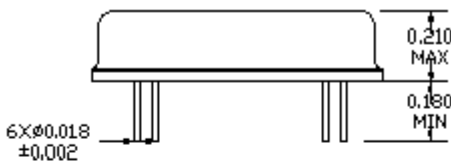


Horizontal: 2MHz/Div
Vertical: 50nsec/Div&10dB/Div

Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	47.30	47.40	47.50
Insertion Loss at F ₀	dB		26.00	36.80
1 dB Bandwidth	MHz	2.65	2.95	
3 dB Bandwidth	MHz	3.10	3.25	
40dB Bandwidth	MHz		4.98	5.12
Group Delay Variation	nsec		40	50
Passband Variation	dB		0.40	0.60
Absolute Delay	usec		1.30	1.32
Ultimate Rejection	dB	45	48	
Substrate Material	-		LiTaO3	
Ambient Temperature	°C	-40	25	80

Package



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