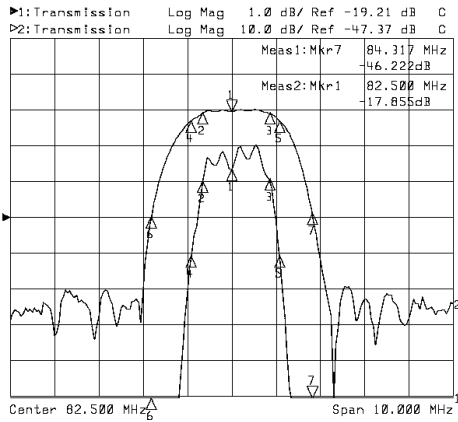


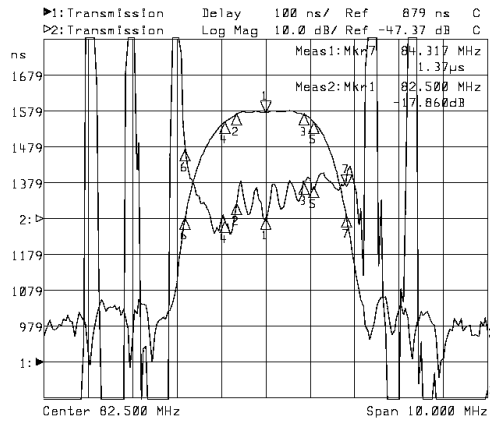
82.5MHz Standard Filter

Part Number 082015

Typical Performance



Horizontal: 1.5MHz/Div
Vertical: 1dB/Div&10dB/Div

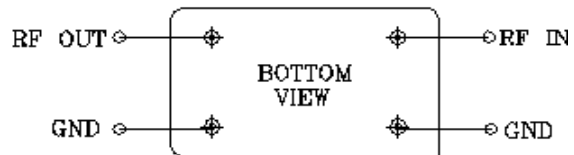
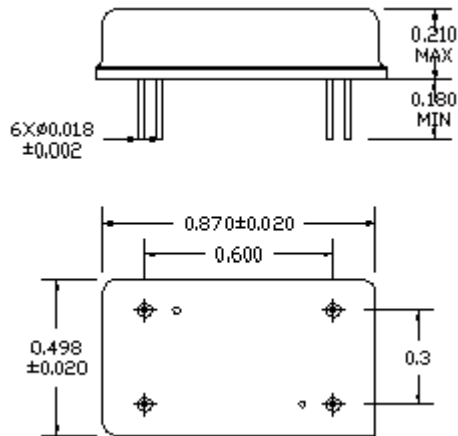


Horizontal: 1.5MHz/Div
Vertical: 50nsec/Div&10dB/Div

Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	82.40	82.50	82.60
Insertion Loss at F ₀	dB		18.00	18.52
1 dB Bandwidth	MHz	1.48	1.50	
3 dB Bandwidth	MHz	1.97	2.00	
30dB Bandwidth	MHz		3.65	3.70
Group Delay Variation	nsec		120	150
Absolute Delay	usec		1.31	1.34
Ultimate Rejection	dB	48	50	
Substrate Material	-		LiTaO3	
Ambient Temperature	°C	-40	25	80

Package



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