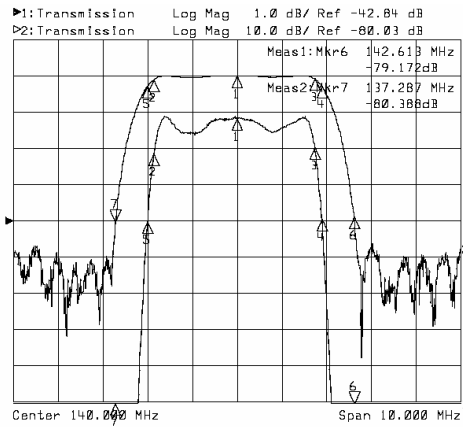
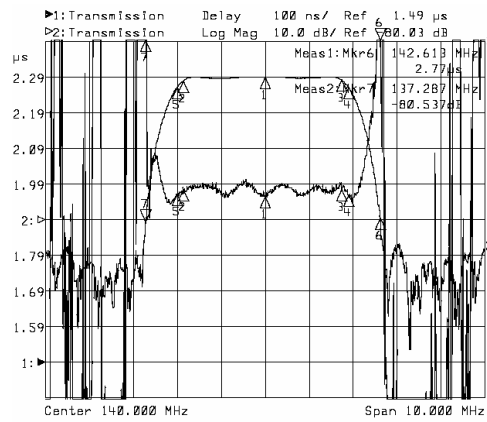


140 MHz Standard Filter
Part Number 140038

Typical Performance



Horizontal: 1.0MHz/Div
 Vertical: 10dB/Div

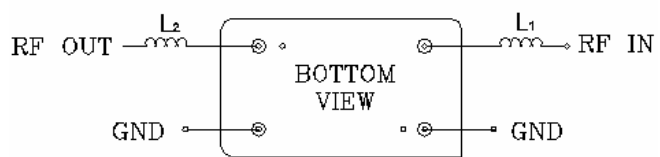
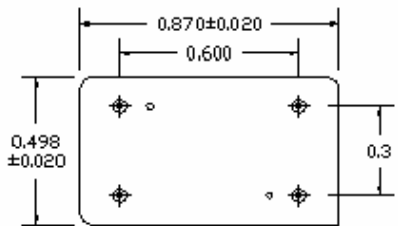
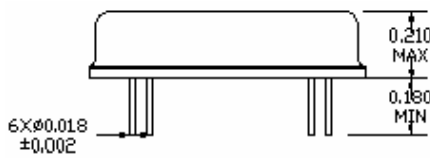


Horizontal: 1.0MHz/Div
 Vertical: 100nsec/Div

Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	139.9	140.0	140.1
Insertion Loss at F ₀	dB		30	32
1 dB Bandwidth	MHz	3.50	3.58	
3 dB Bandwidth	MHz	3.80	3.90	
40dB Bandwidth	MHz		5.30	5.40
Passband Variation	dB		0.6	0.8
Group Delay Variation	nsec		50	60
Absolute Delay	usec		2.0	
Ultimate Rejection	dB	45	48	
Substrate Material	-		Quartz	
Ambient Temperature	°C	-40	25	80

Package XI



L1: 100nH
 L2: 100nH
 Source/Load Impedance=50ohm
 Package Style XI