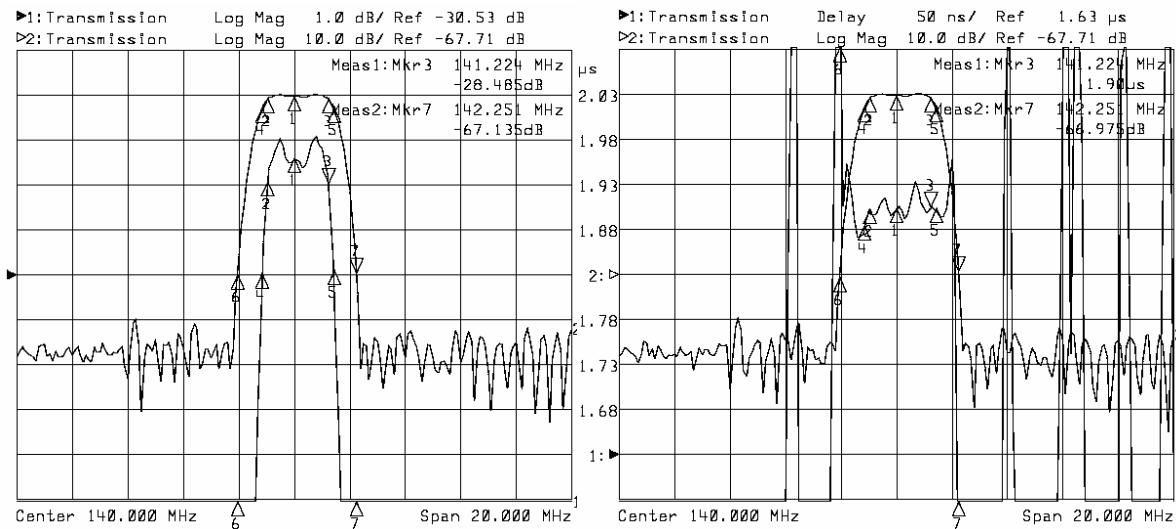


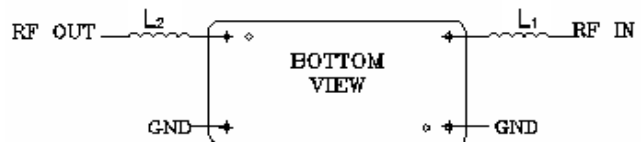
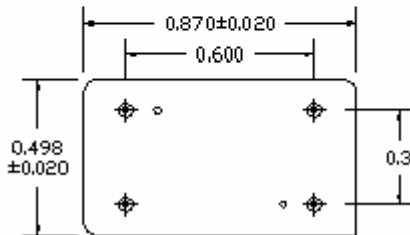
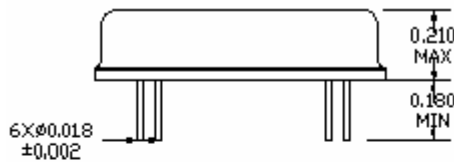
## 1. Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	139.90	140.00	140.10
Insertion Loss at F <sub>0</sub>	dB		27.90	28.50
1 dB Bandwidth	MHz	2.10	2.18	
3 dB Bandwidth	MHz	2.50	2.56	
40dB Bandwidth	MHz		4.30	4.40
Passband Variation	dB		0.60	0.80
Group Delay Variation	nsec		40	60
Absolute Delay	usec		1.90	1.92
Ultimate Rejection	dB	50	53	
Substrate Material	-		Quartz	
Ambient Temperature	°C	-40	25	80

## 2. Typical Performance



## 3. Package



L<sub>1</sub>:100nH

L<sub>2</sub>:100nH

Source/Load Impedance=50ohm

Package style XI

## 4. Marking

S140M025