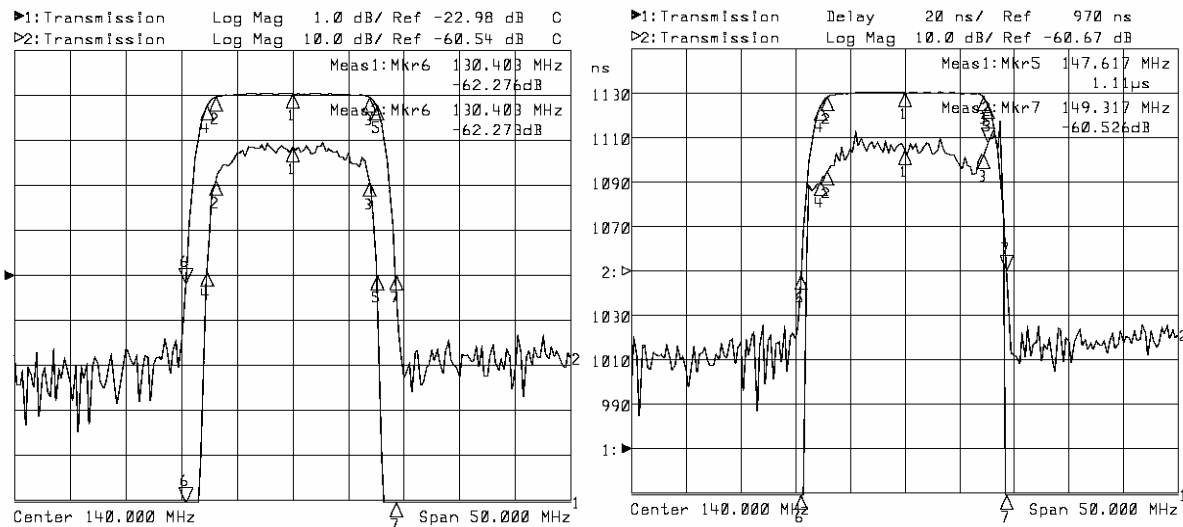


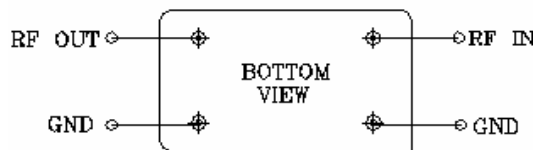
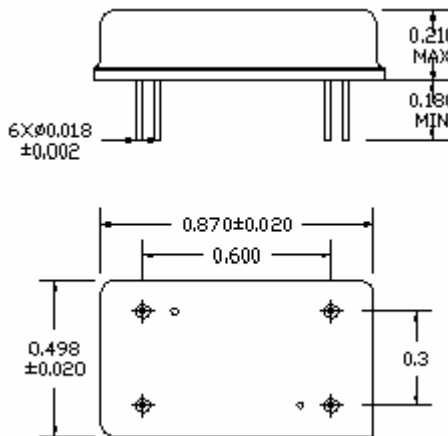
### 1. Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	139.80	140.00	140.20
Insertion Loss at F <sub>0</sub>	dB		20.50	22.00
1 dB Bandwidth	MHz	14.00	14.20	
3 dB Bandwidth	MHz	15.00	15.30	
40dB Bandwidth	MHz		18.80	19.50
Passband Variation	dB		0.40	0.70
Group Delay Variation	nsec		20	30
Absolute Delay	usec		1.10	1.15
Ultimate Rejection	dB	50	55	
Substrate Material	-		YZ-LiNbO3	
Ambient Temperature	°C	-40	25	80

### 2. Typical Performance



### 3. Package



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

### 4. Marking

S140M150