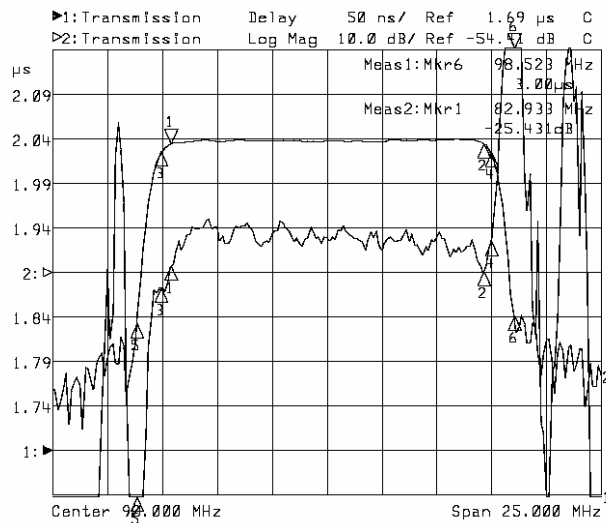
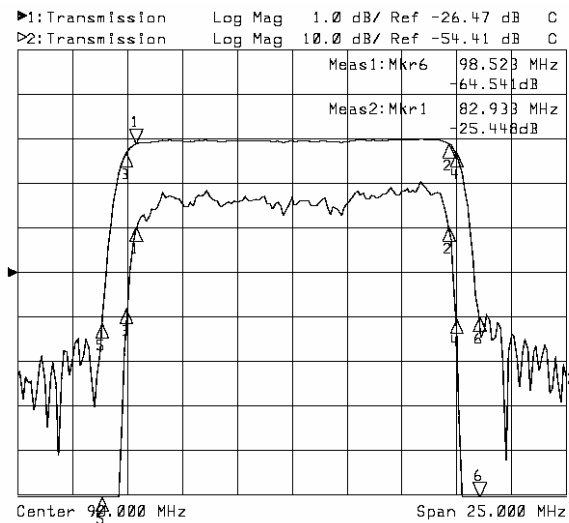


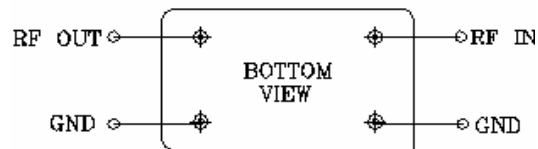
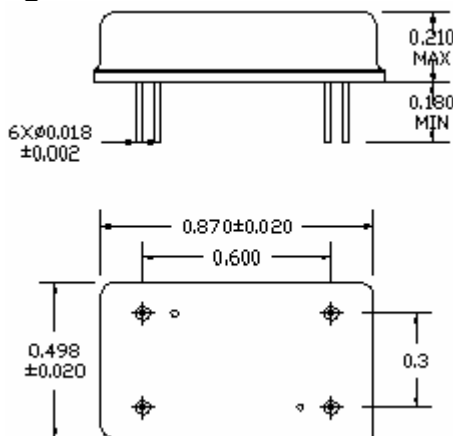
## 1. Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	89.90	90.00	90.10
Insertion Loss at F <sub>0</sub>	dB		25.00	26.00
1 dB Bandwidth	MHz	13.80	14.20	
3 dB Bandwidth	MHz	14.58	14.98	
40dB Bandwidth	MHz		17.18	17.68
Passband Variation	dB		0.60	0.90
Group Delay Variation	nsec		50	70
Absolute Delay	usec		1.94	1.95
Ultimate Rejection	dB	38	40	
Substrate Material	-		128LiNbO3	
Ambient Temperature	°C	-40	25	80

## 2. Typical Performance



## 3. Package



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

## 4. Marking

S090M145