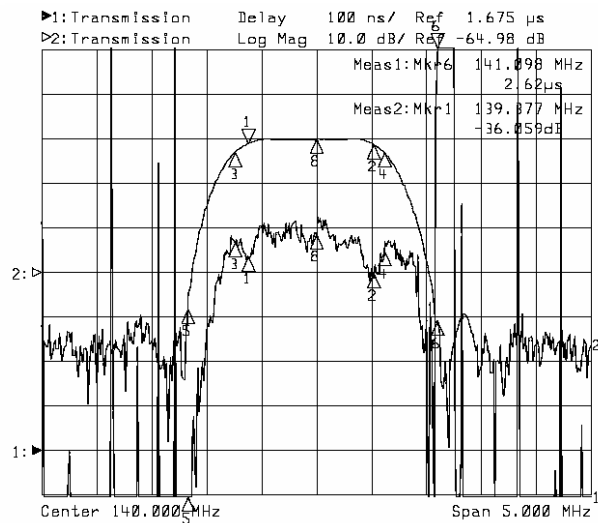
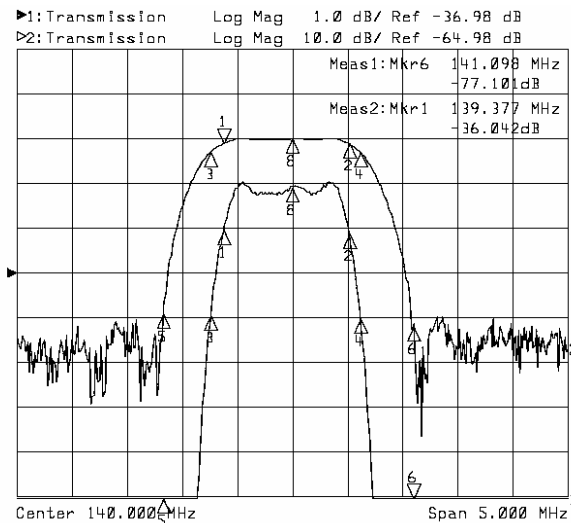


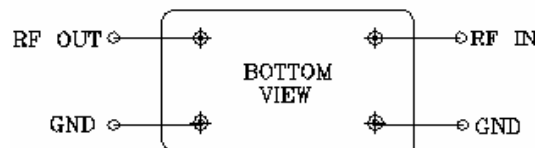
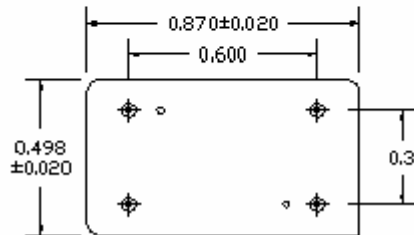
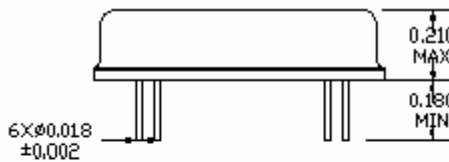
1. Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	139.90	140.00	140.10
Insertion Loss at F ₀	dB		33.00	34.00
1 dB Bandwidth	MHz	1.10	1.14	
3 dB Bandwidth	MHz	1.30	1.36	
40dB Bandwidth	MHz		2.27	2.30
Passband Variation	dB		0.40	0.60
Group Delay Variation	nsec		120	150
Absolute Delay	usec		2.16	2.18
Ultimate Rejection	dB	40	42	
Substrate Material	-		Quartz	
Ambient Temperature	°C	-40	25	80

2. Typical Performance



3. Package



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

4. Marking

S140M013