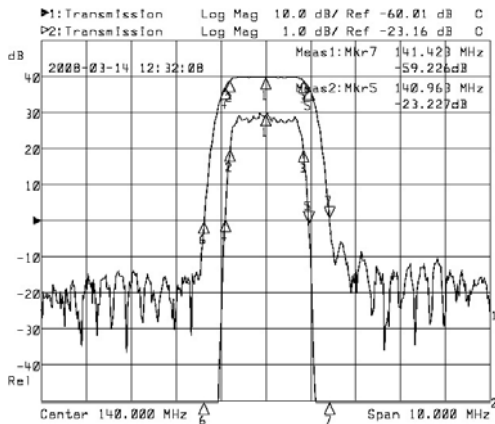


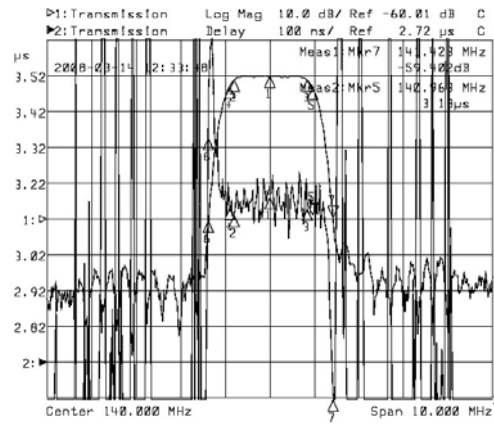
1. Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	139.90	140.00	140.10
Insertion Loss at F ₀	dB		20.00	21.00
1 dB Bandwidth	MHz	1.60	1.65	
3 dB Bandwidth	MHz	1.83	1.88	
40dB Bandwidth	MHz		2.75	2.85
Passband Variation	dB		0.20	0.40
Group Delay Variation	nsec		150	200
Absolute Delay	usec		3.20	
Ultimate Rejection	dB	45	48	
Substrate Material	-		Quartz	
Ambient Temperature	°C	-40	25	80

2. Typical Performance

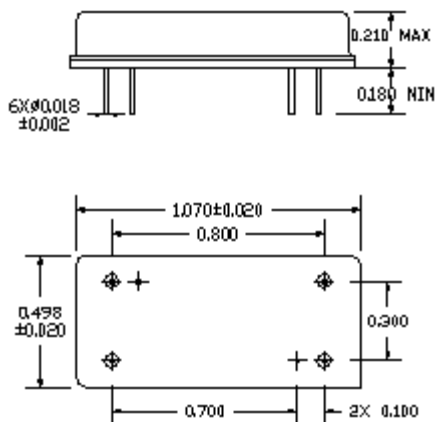


Horizontal: 1MHz/Div
Vertical: 1dB/Div&10dB/Div



Horizontal: 1MHz/Div
Vertical: 100ns/Div&10dB/Div

3. Package



4. Marking

S140M018