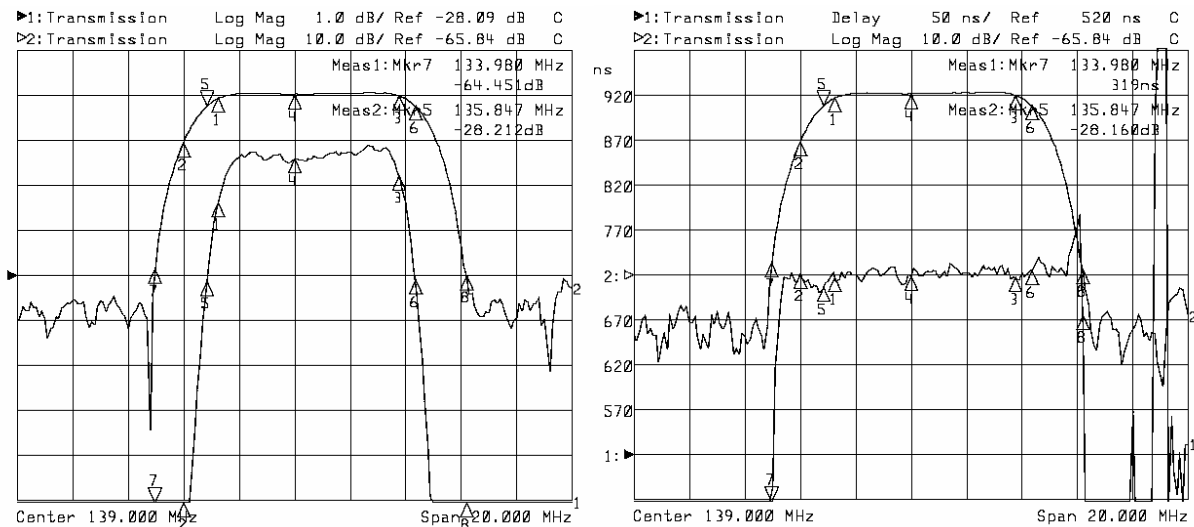


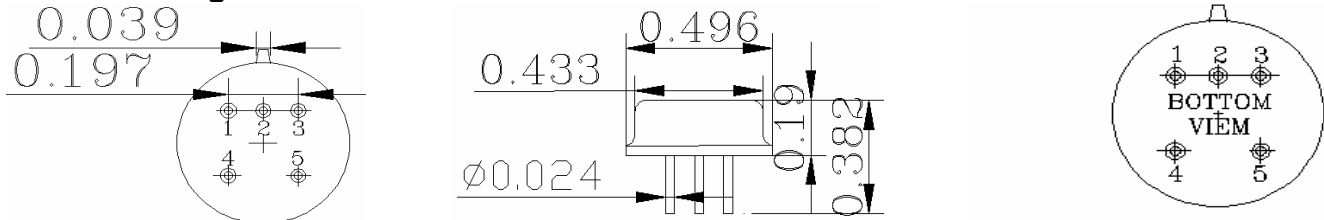
## 1. Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	138.90	139.00	139.10
Insertion Loss	dB		24.00	24.70
136.25MHz	dB		-1.01	-1.51
142.75MHz	dB		-1.01	-1.52
135.00MHz	dB		-12.00	-15.00
Passband Variation	dB		0.60	0.80
Group Delay Variation	nsec		40	50
Absolute Delay	usec		0.71	0.72
Ultimate Rejection	dB	38	40	
Substrate Material	-		LiTaO3	
Ambient Temperature	°C	-40	25	80

## 2. Typical Performance



## 3. Package



TO-5A IN: 1  
 OUT: 5  
 GND: 2,3,4

## 4. Marking

S139M065