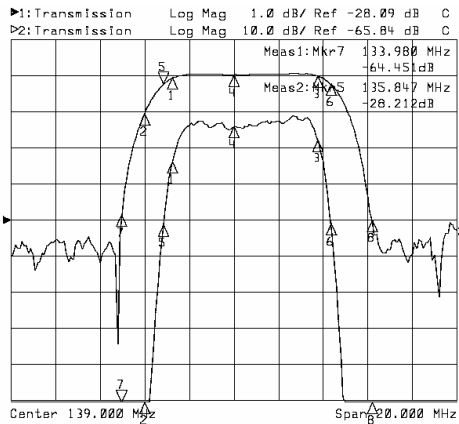
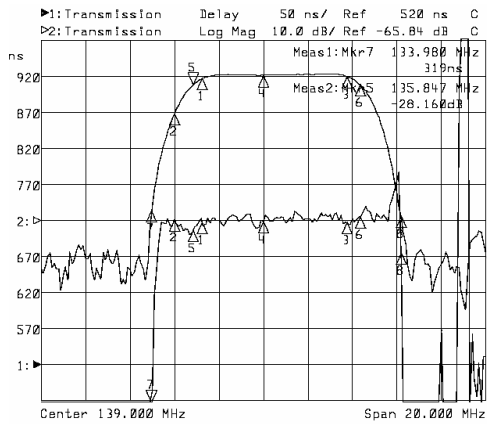


**CATV VSB Filter For TV Modulator(PAL)**  
**Part Number ZCH4**

**Typical Performance**



Horizontal: 2MHz/Div  
 Vertical: 10dB/Div

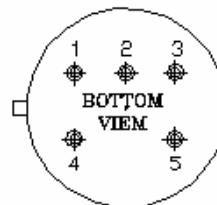
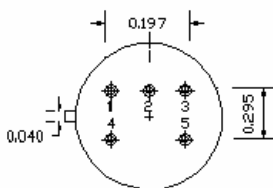
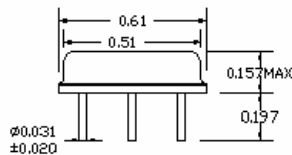


Horizontal: 2MHz/Div  
 Vertical: 50nsec/Div

**Specifications**

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	138.90	139.00	139.10
Insertion Loss	dB		24.01	24.95
136.25MHz	dB		-1.00	-1.52
142.75MHz	dB		-1.00	-1.51
135.00MHz	dB		-12.02	-15.32
Passband Variation	dB		0.60	0.80
Group Delay Variation	nsec		30	50
Absolute Delay	usec		0.70	0.80
Ultimate Rejection	dB	38	40	
Substrate Material	-		LiTaO3	
Ambient Temperature	°C	-40	25	80

**Package SFA02**



SFA02 IN: 3,4  
 GND: 3,4  
 OUT: 1,2,5