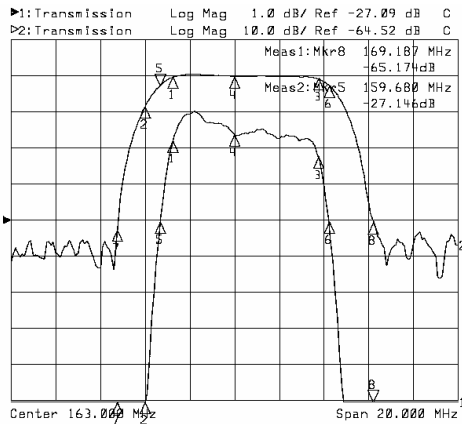
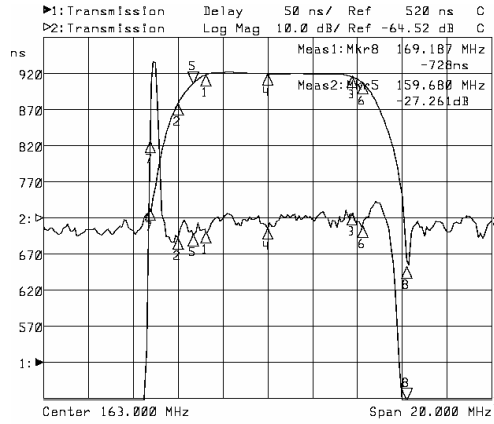


**CATV VSB Filter For TV Modulator(PAL)**  
**Part Number ZCH7**

**Typical Performance**



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

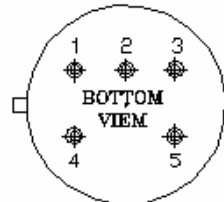
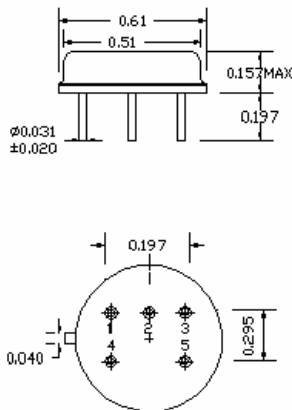


Horizontal: 2MHz/Div  
 Vertical: 50nsec/Div

**Specifications**

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	162.90	163.00	163.10
Insertion Loss	dB		24.02	25.03
160.25MHz	dB		-0.50	-1.00
166.75MHz	dB		-1.22	-1.81
159.00MHz	dB		-10.03	-12.04
Passband Variation	dB		0.80	1.00
Group Delay Variation	nsec		50	70
Absolute Delay	usec		0.70	0.72
Ultimate Rejection	dB	35	40	
Substrate Material	-		LiTaO3	
Ambient Temperature	°C	-40	25	80

**Package SFA02**



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