



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

## 70 MHz Saw Filter

**Part Number: AM70S925**



Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	69.90	70.00	70.10
Insertion Loss at Fo	dB	-	28	30
Passband Variation	dB	-	0.5	0.6
Group Delay Variation	nsec	-	60	70
Absolute Delay	µsec	-	2.0	-
Bandwidth at 1.0 dB	MHz	5.6	5.7	-
Bandwidth at 3.0 dB	MHz	6.1	6.22	-
Bandwidth at 40.0 dB	MHz	-	7.96	8.05
Ultimate Attenuation	dB	45	48	-
Ambient Temperature	°C	-	+25	-
Substrate Material	LiTaO <sub>3</sub>			

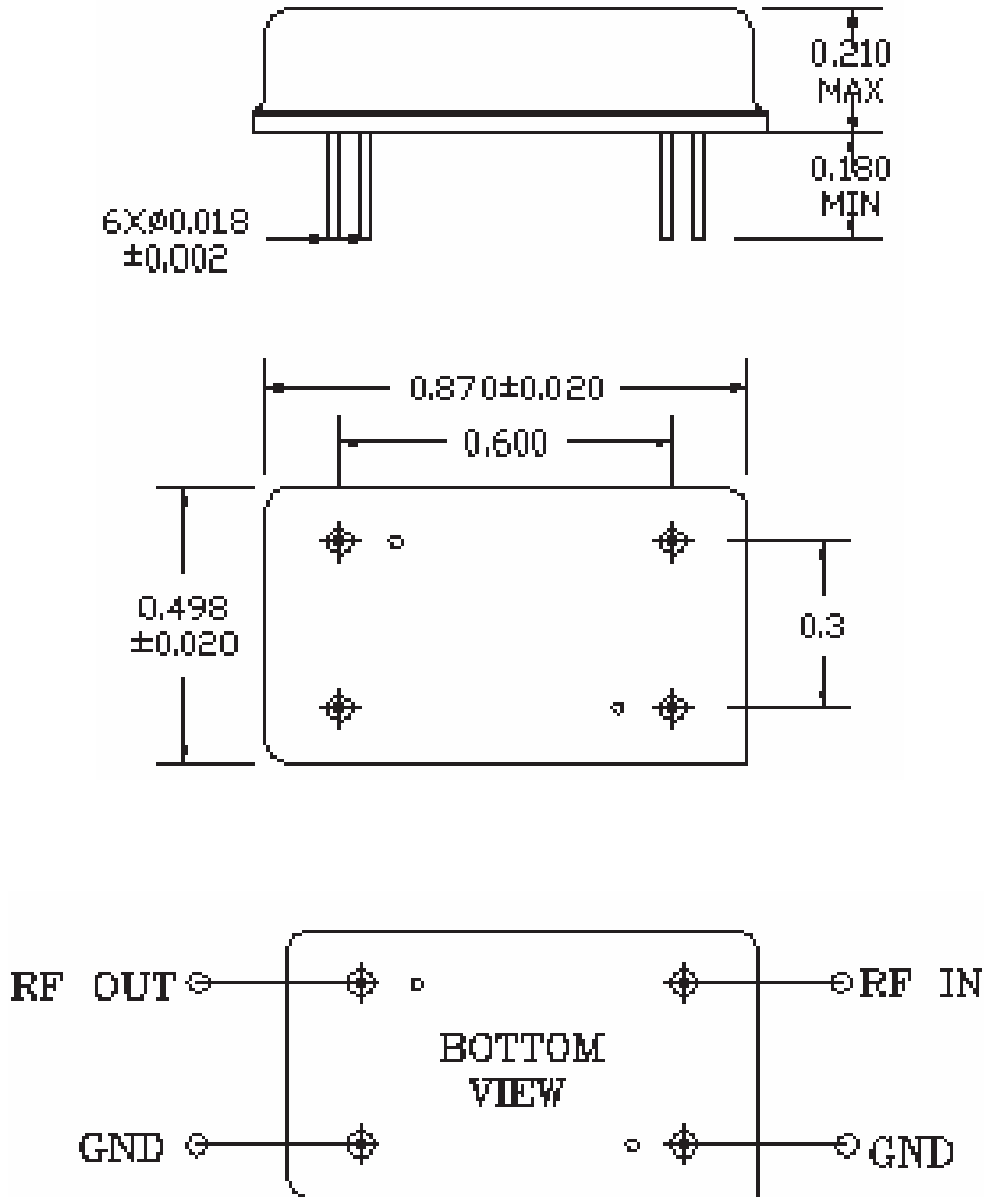


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## Outline Drawing:



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

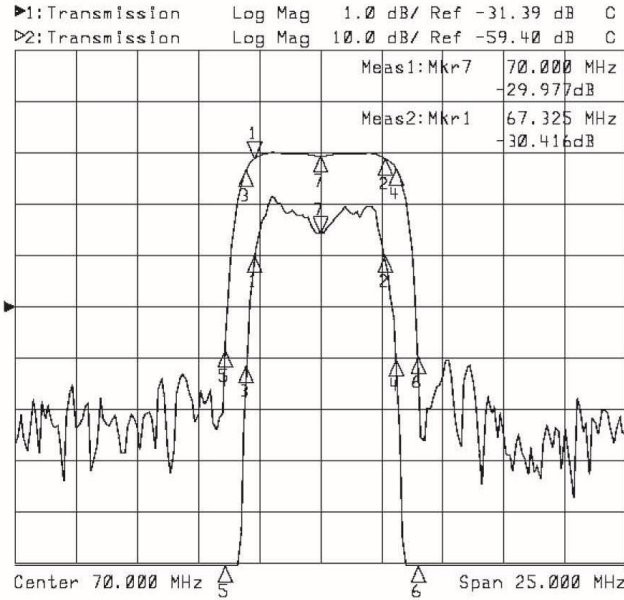


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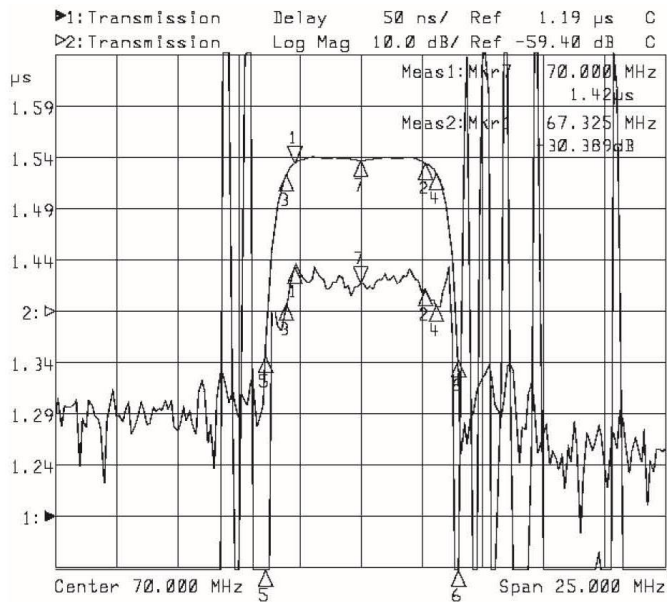


### Response Plot:



Horizontal: 2.5MHz/Div

Vertical: 10dB/Div



Horizontal: 2.5MHz/Div

Vertical: 50nsec/Div