



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

70 MHz Saw Filter

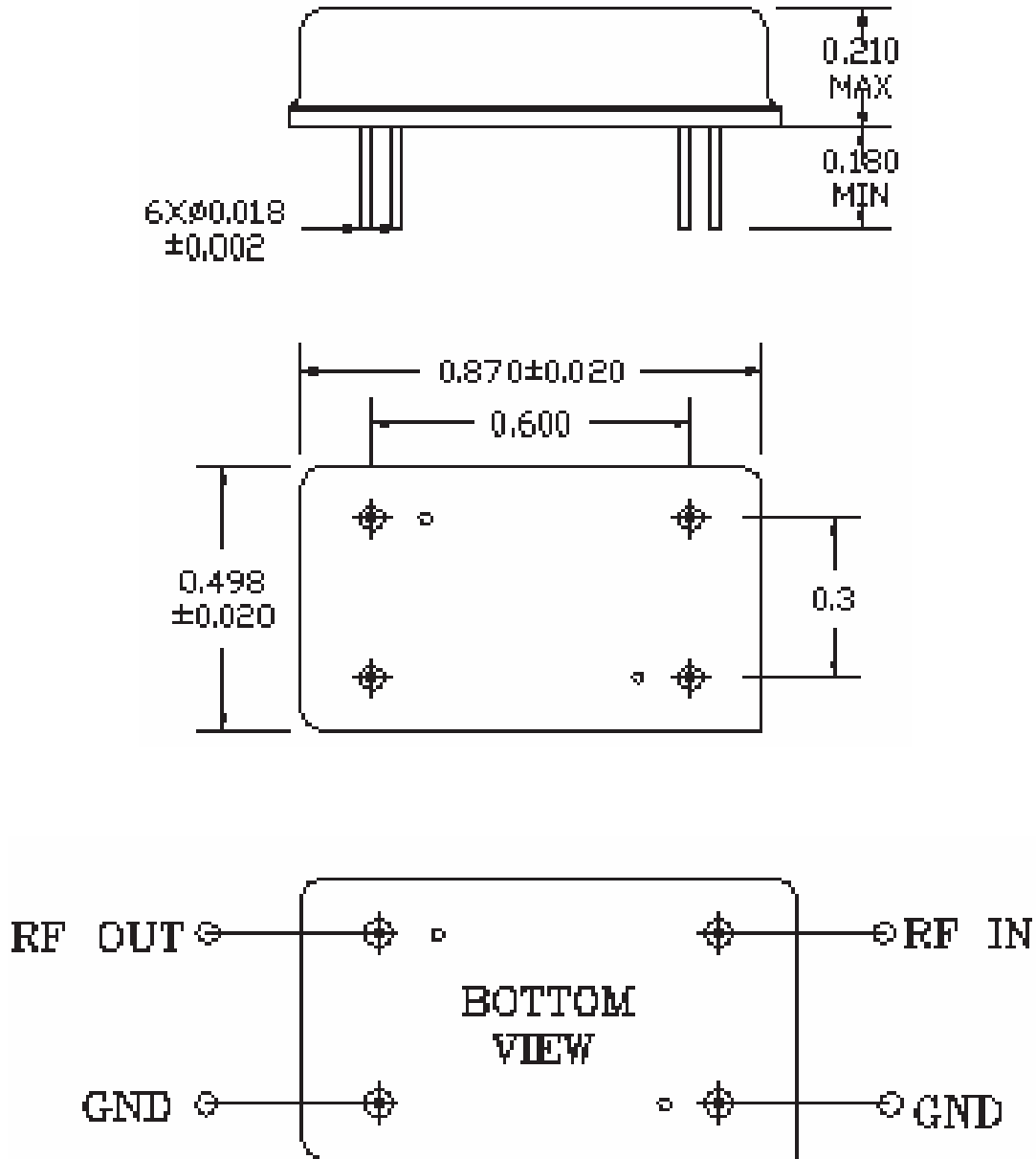
Part Number: AM70S939



Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	69.80	70.00	70.20
Insertion Loss at Fo	dB	-	30.0	-
Passband Variation	dB	-	0.3	0.5
Group Delay Variation	nsec	-	10.0	15.0
Absolute Delay	µsec	-	1.28	-
Bandwidth at 1.0 dB	MHz	19.1	19.27	-
Bandwidth at 3.0 dB	MHz	20.2	20.34	-
Bandwidth at 40.0 dB	MHz	-	24.5	24.7
Ultimate Attenuation	dB	50	55	-
Ambient Temperature	°C	+25	-	-
Substrate Material	128LiNbO ₃			



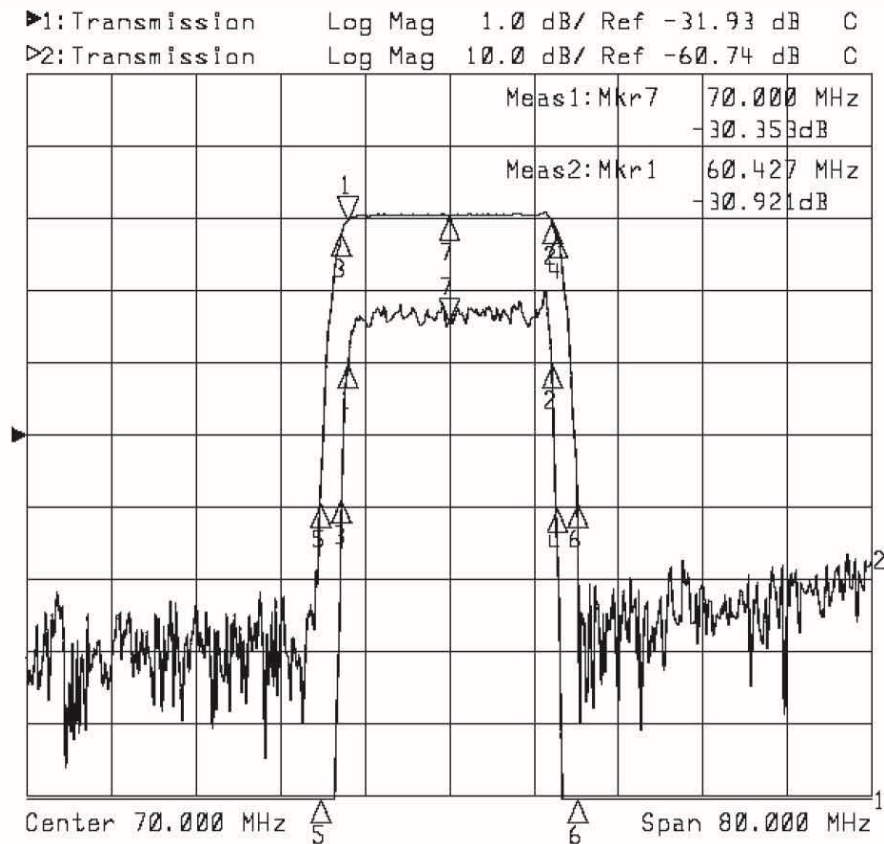
Outline Drawing:



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



Response Plot:



Horizontal: 8MHz/Div

Vertical: 1db & 10dB/Div

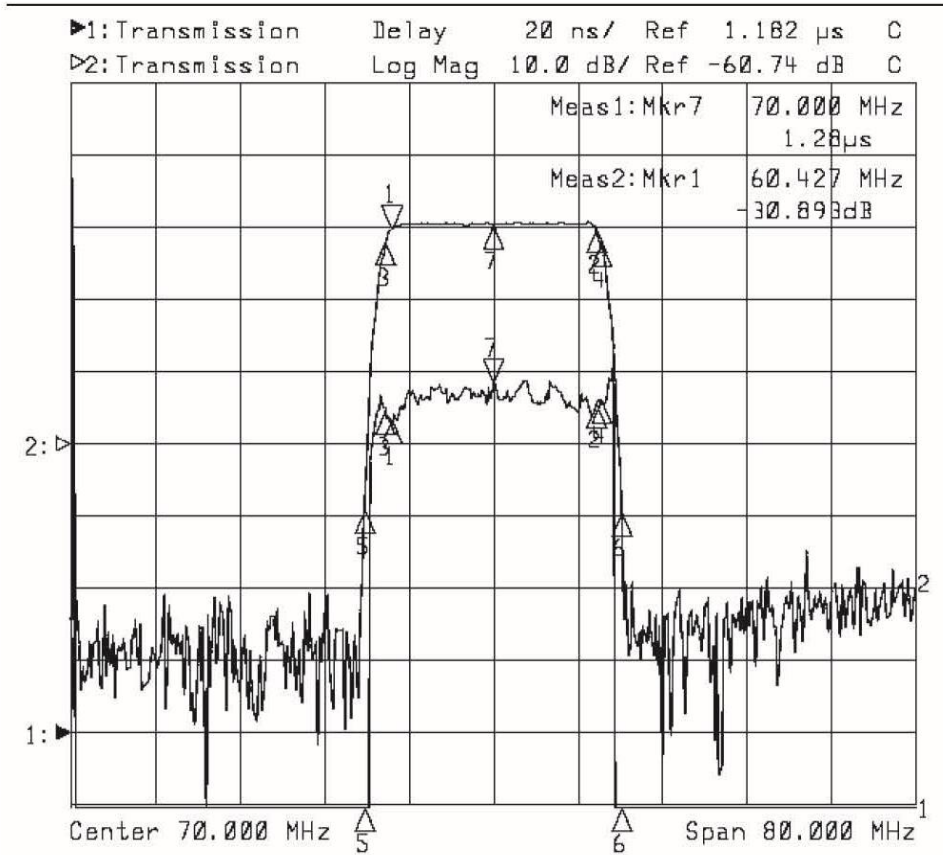


70 MHz Saw Filter

Part Number: AM70S939



Response Plot:



Horizontal: 8MHz/Div

Vertical: 20nsec/Div