



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

70 MHz Saw Filter

Part Number: AM70S938



Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	69.90	70.00	70.10
Insertion Loss at Fo	dB	-	26.0	26.8
Passband Variation	dB	-	0.8	0.9
Group Delay Variation	nsec	-	50	-
Absolute Delay	µsec	-	2.2	-
Bandwidth at 1.0 dB	MHz	10.1	10.2	-
Bandwidth at 3.0 dB	MHz	10.4	10.53	-
Bandwidth at 40.0 dB	MHz	-	11.96	12.1
Ultimate Attenuation	dB	50	52	-
Ambient Temperature	°C	-	+25	-
Substrate Material	YZ-LiNbO ₃			

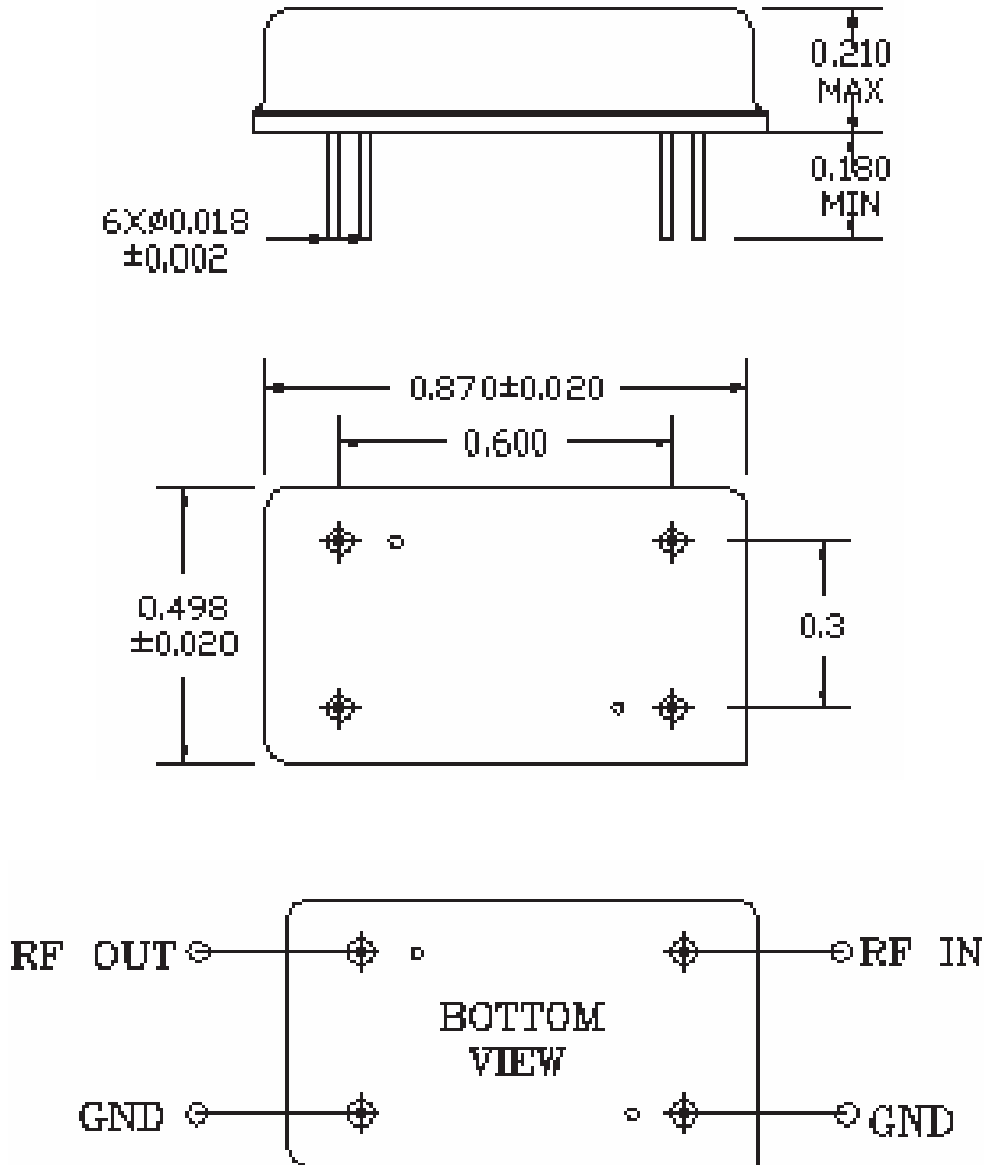


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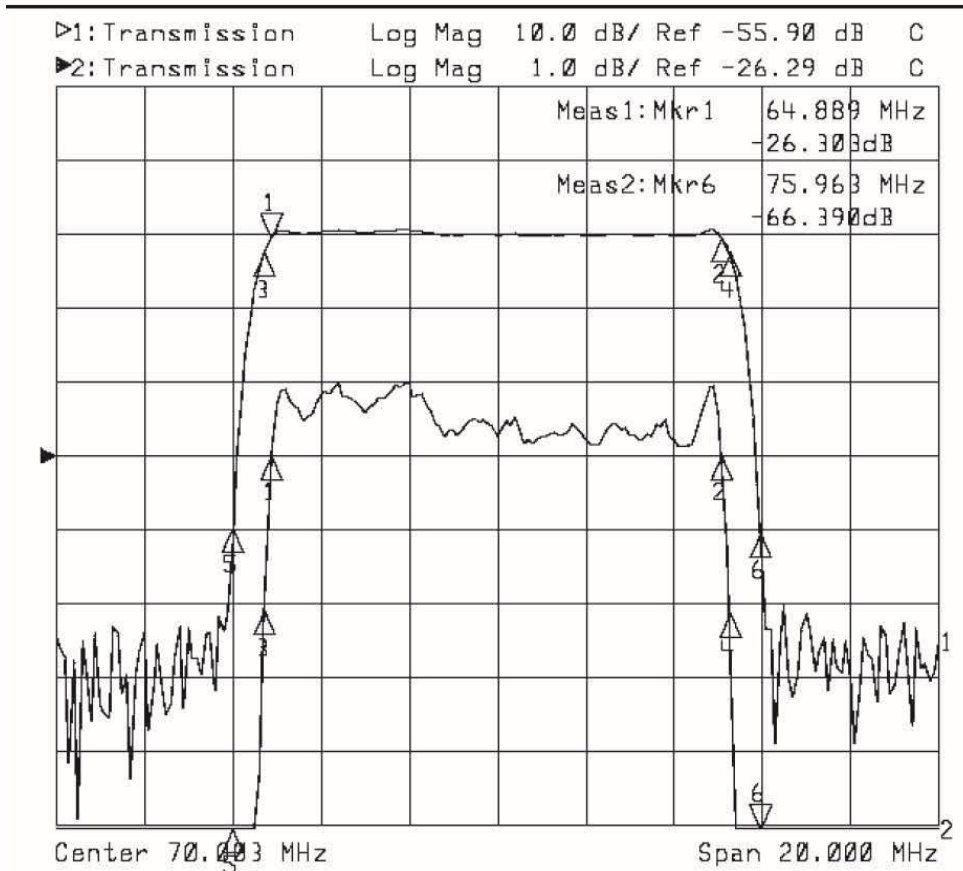
Outline Drawing:



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



Response Plot:

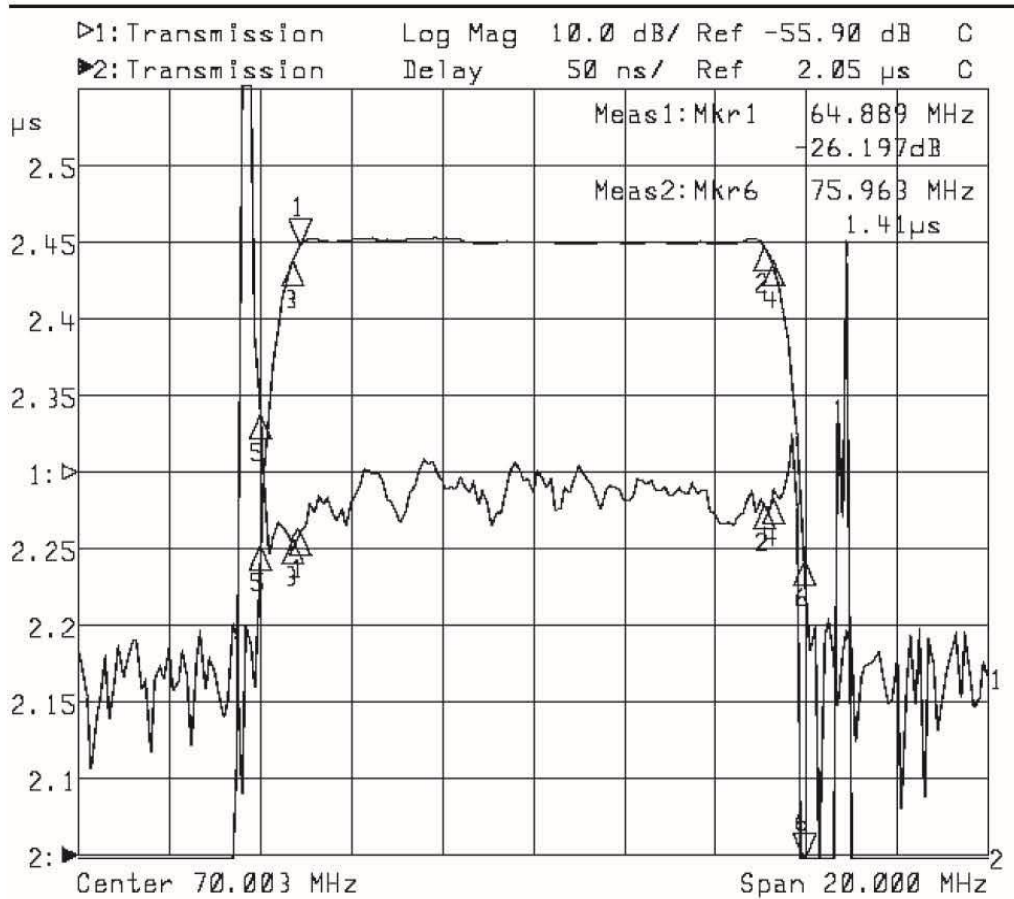


Horizontal: 2MHz/Div

Vertical: 1db & 10dB/Div



Response Plot:



Horizontal: 2MHz/Div

Vertical: 50nsec/Div