



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

# 60 MHz IF Saw Filter

## Part Number: AM60S302



Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	59.92	60.0	60.08
Insertion Loss at Fo	dB	-	23.5	25.0
Passband Ripple Variation	dB	-	0.75	1.00
Group Delay Variation	nsec	-	80	150
Absolute Delay at Fo	µsec	-	2.15	-
Bandwidth at 3.0 dB	MHz	11.95	12.05	-
Bandwidth at 40.0 dB	MHz	-	13.45	13.60
Ultimate Rejection	dB	50	55	-
Substrate Material	128 LiNbO <sub>3</sub>			

Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-	+25	-
Storage Temperature Range	°C	-	+25	-
Maximum DC Voltage	V	-	-	10
Maximum Input Power	dBm	-	-	10
Source Impedance (Single Ended) <sub>1</sub>	Ω	-	50	-
Load Impedance (Single Ended) <sub>1</sub>	Ω	-	50	-

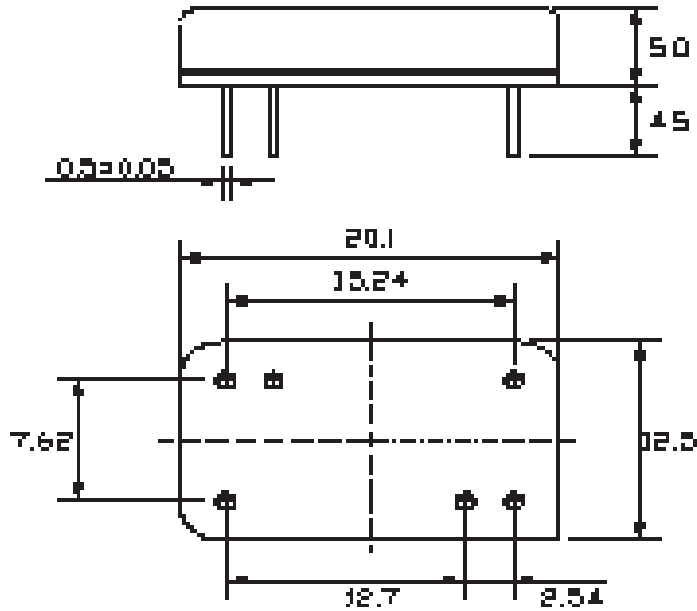


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### Outline Drawing:



### Matching Configuration:



$L1 = L2 = 100\text{nH}$   
 $C1 = 20\text{Fp}$



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### Frequency Response:

