



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

## 38 MHz Saw Filter

### Part Number: AM38S190



Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	38.912	-
Insertion Loss at Fo	dB	-	17.0	19.0
Source Impedance	$\Omega$	-	50/2000	-
Load Impedance	$\Omega$	-	50/2000	-
Operating Temperature Range	$^{\circ}\text{C}$	-30	-	+80
Storage Temperature Range	$^{\circ}\text{C}$	-40	-	+85
Temperature Coefficient	ppm/ $^{\circ}\text{C}$	-	-20	-
Bandwidth at -3.0 dB	MHz	-	1.5	-
Bandwidth at -30.0 dB	MHz	-	2.5	-
<b>Relative Attenuation:</b>				
From 30.0 to 36.26 MHz	dB	38	43	-
From 36.26 to 37.30 MHz	dB	38	42	-
From 40.60 to 41.40 MHz	dB	38	42	-
From 41.40 to 50.0 MHz	dB	38	43	-
Group Delay Variation	nsec	-	80	200
Absolute Delay at Fo	$\mu\text{sec}$	-	1.36	-
Package Type	U7			
Dimensions	mm	11.5 x 4.8 x 1.5 mm		

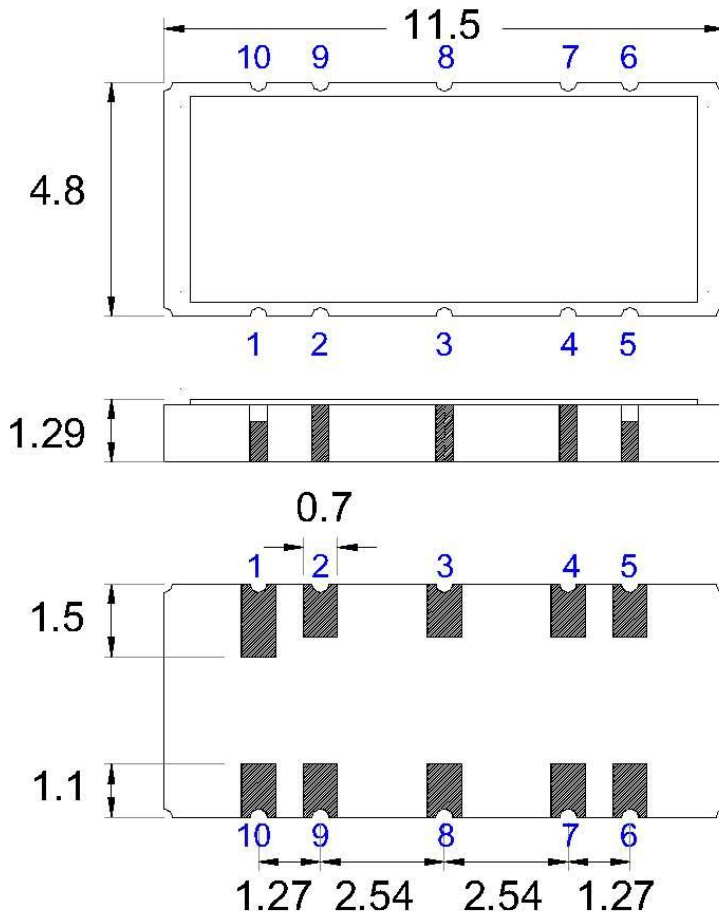


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## Outline Drawing:



**PIN Descriptions:**  
1 : Input - or Ground  
10 : Input +  
5 : Output+  
6 : Output- or Ground  
2,3,4,7,8,9 : Ground