



# 246 MHz Low-Loss, RF Saw Filter

## Part Number: AM246S425

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



Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	246.0	-
Insertion Loss at Fo	dB	-	1.5	2.5
Amplitude Ripple Variation	dB <sub>p-p</sub>	-	0.2	0.4
Group Delay Ripple	nsec	-	15	50
<b>Stop Band Attenuation:</b>				
100.0 ~ 226.0 MHz	dB	40	60	-
226.0 ~ 236.0 MHz	dB	7	48	-
256.0 ~ 266.0 MHz	dB	7	25	-
266.0 ~ 268.0 MHz	dB	25	40	-
268.0 ~ 500.0 MHz	dB	35	40	-

Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-25	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	0
Source Impedance (Single Ended) <sub>1</sub>	Ω	-	200	-
Load Impedance (Single Ended) <sub>1</sub>	Ω	-	50	-
Package Size and Type	5.0 x 5.0 x 1.4 mm		K	



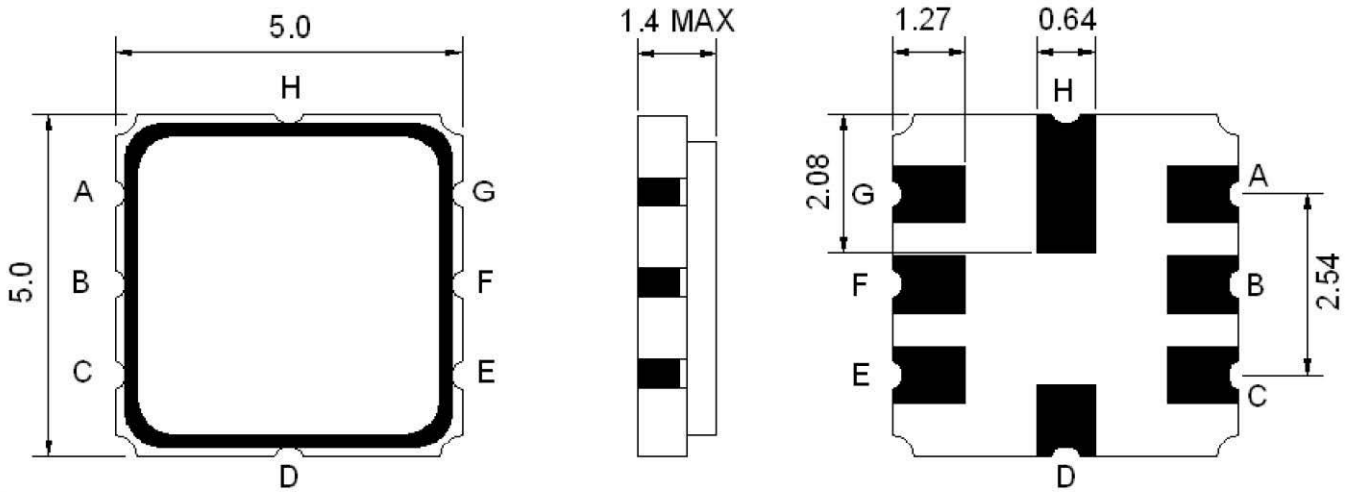
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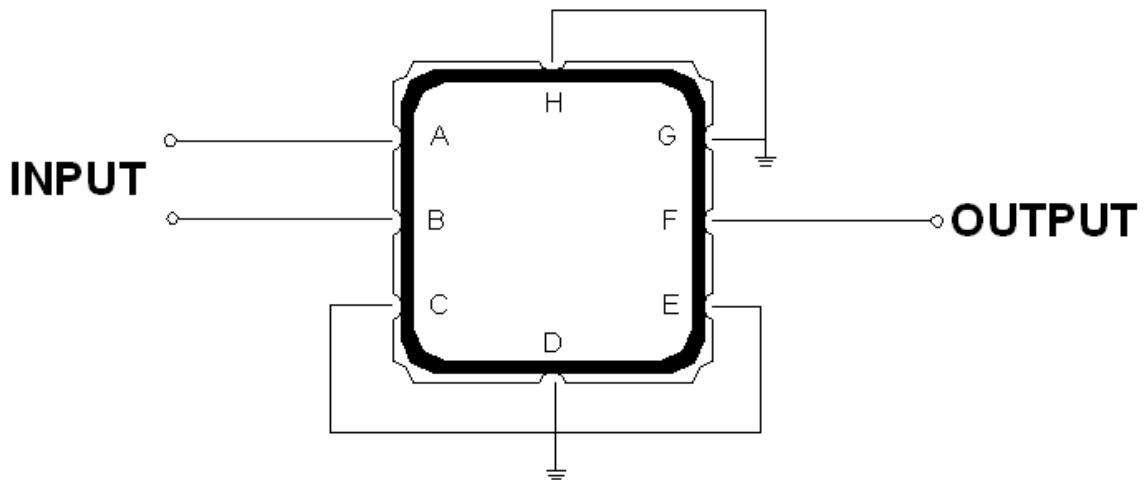
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### Outline Drawing:



PIN Descriptions:  
 IN: B,  
 OUT: F,  
 Ground: A, C, D, E, G, H

### Testing Environment:



Source Impedance: 200 Ω

Load Impedance: 50 Ω



### Frequency Response:

