



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

160 MHz Saw Filter

Part Number: AM160S601



Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	159.90	160.0	160.1
Insertion Loss at Fo	dB	-	22.50	24.50
Group Delay Variation	nsec	-	150	200
Absolute Delay at Fo	usec	-	2.45	-
Passband Ripple Variation	dB	-	1.00	1.20
Bandwidth at 3.0 dB	MHz	9.30	9.45	-
Bandwidth at 40.0 dB	MHz	-	10.75	11.00
Ultimate Rejection	dB	50	55	-
Substrate Material	YZ LiNbO ₃			

Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-30	-	+80
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	10
Maximum Input Power	dBm	-	-	10
Source Impedance (Single Ended) ₁	Ω	-	50	-
Load Impedance (Single Ended) ₁	Ω	-	50	-

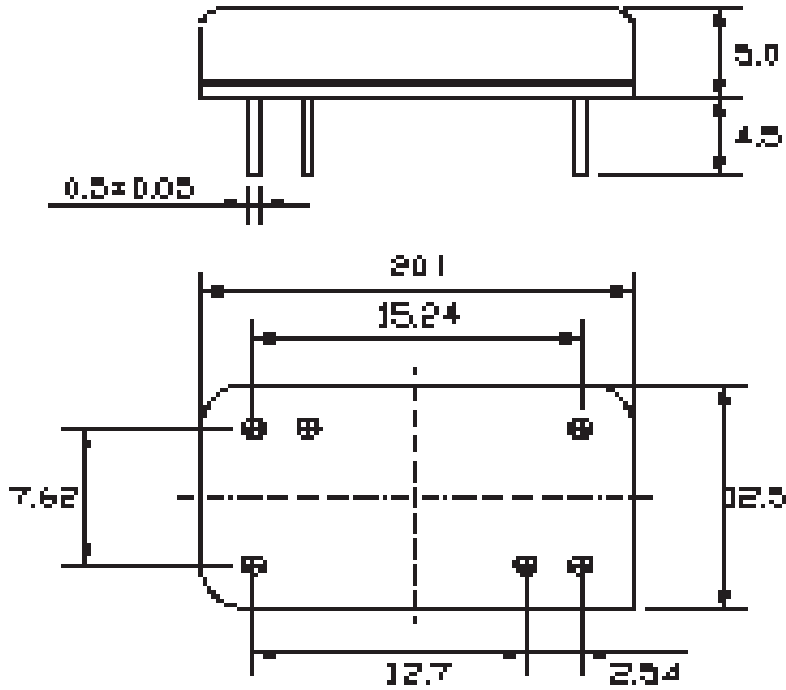


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Outline Drawing:



Testing Environment:



Bottom View

Source/Load Impedance = 50 Ω

Ambient Temperature = 25°C



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Frequency Response:

