



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

36.125 MHz Saw Filter

Part Number: AM36S933



Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	36.125	-
Insertion Loss at Fo	dB	-	17.0	19.0
Operating Temperature Range	°C	-25		+65
Storage Temperature Range	°C	-40	-	+85
Temperature Coefficient	ppm/°C	-	72	-
Bandwidth at -3.0 dB	MHz	-	8.0	-
Bandwidth at -30.0 dB	MHz	-	9.4	-
Attenuation: (Ref.; 36.125 MHz)				
32.25 MHz	dB	35	38	-
32.13 MHz	dB	3.0	4.5	6.0
32.32 MHz	dB	0.5	2.0	3.5
36.125 MHz (Reference Frequency)	dB	-	0	-
39.93 MHz	dB	0.1	1.5	3.0
40.13 MHz	dB	1.0	2.5	4.0
47.25 MHz	dB	42	45	-
Relative Attenuation:				
From 25.0 to 29.5 MHz	dB	35	40	-
From 29.5 to 31.25 MHz	dB	33	36	-
From 40.9 to 43.5 MHz	dB	30	33	-
From 43.5 to 50.0 MHz	dB	35	40	-
Group Delay Variation (31.13 to 40.13 MHz)	nsec	-	50	-
Maximum DC Voltage	V	-	10V DC	-
Package Type	B1			
Dimensions	mm	16.3 x 6.3 x 7.5		



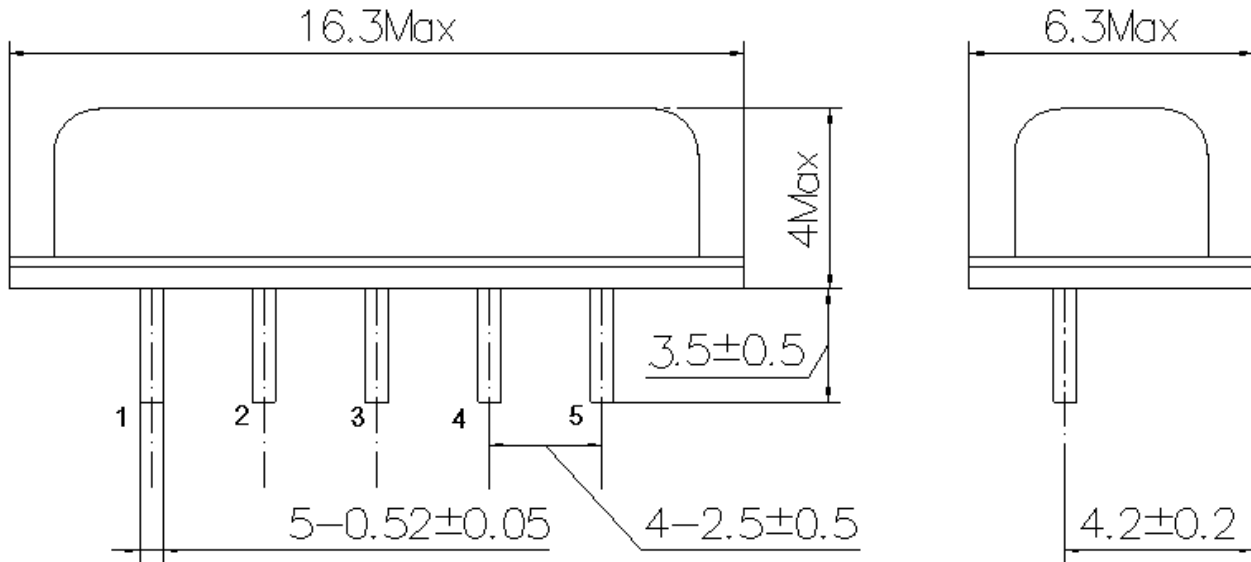
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Outline Drawing:



Package Drawing: 1 – INPUT 2 – INPUT-GROUND 3 – GROUND 4– OUTPUT 5 – OUTPUT
Unit: mm



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Frequency Response:

