



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

70.0 MHz Saw Filter

Part Number: AM70S267



Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	69.95	70.00	70.05
Insertion Loss at Fo	dB	-	25.5	27.5
Passband Ripple Variation	dB	-	0.7	1.0
Group Delay Variation	nsec	-	100	150
Absolute Delay at Fo	µsec	-	4.30	-
Bandwidth at 3.0 dB	MHz	9.30	9.45	-
Bandwidth at 40.0 dB	MHz	-	10.35	10.50
Ultimate Rejection	dB	50	55	-
Substrate Material	YZ LNiO 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	-
Package Size	36.0 x 12.8 x 5.0 mm			

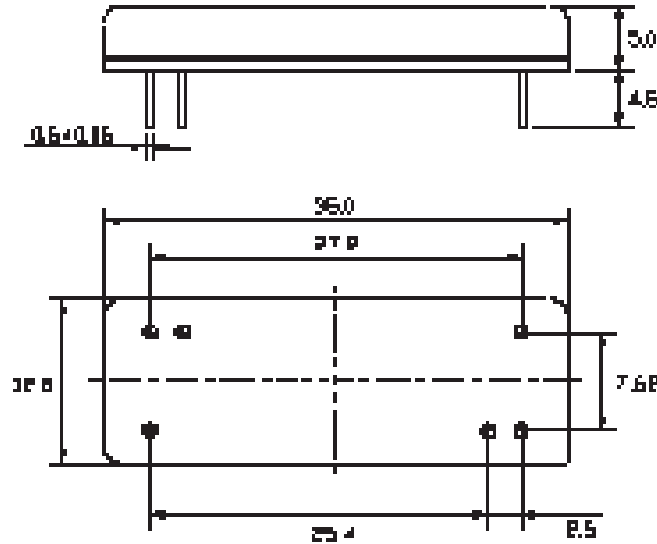


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Outline Drawing:



Matching Configuration:



Bottom View
Source/Load Impedance = 50
Ambient Temperature = 25°C



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Plot:

