



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

80.85 MHz Saw Filter

Part Number: AM80S801

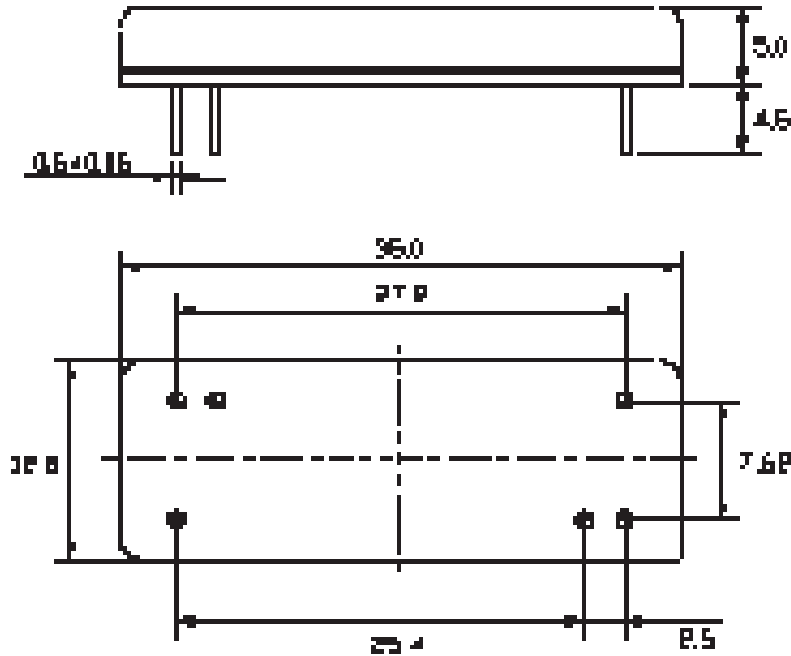


Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	80.80	80.85	80.90
Insertion Loss at Fo	dB	-	22.5	24.5
Passband Ripple	dB	-	0.7	1.0
Group Delay Variation	nsec	-	80	120
Absolute Delay Time	usec	-	2.50	-
Bandwidth at 3.0 dB	MHz	11.00	11.25	-
Bandwidth at 40.0 dB	MHz	-	12.45	12.85
Ultimate Attenuation	dB	50	55	-
Substrate Material	128 LiNbO ₃			

Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-40		+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	-



Outline Drawing:



Matching Configuration:



Bottom View

Source/Load Impedance = 50 Ω

Ambient Temperature = 25°C



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Frequency Response:

