



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

82 MHz IF Saw Filter

Part Number: AM82S657

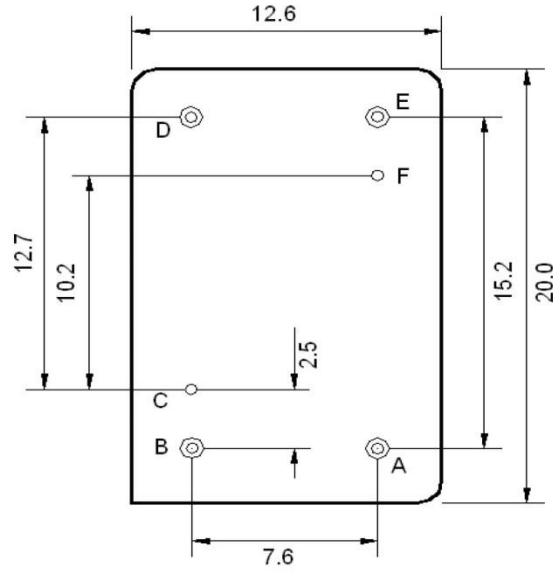
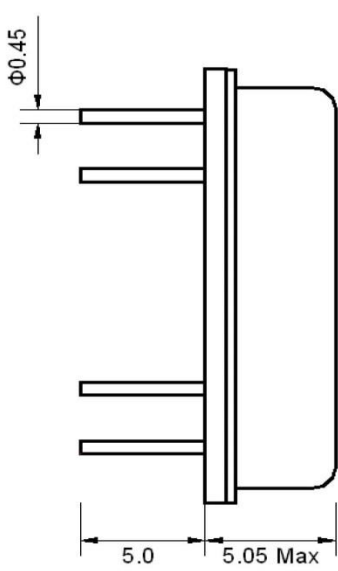


Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	82.0	-
Insertion Loss at Fo	dB	-	17.5	19.0
Amplitude Ripple Variation	dBp-p	-	0.75	1.0
Group Delay Variation	nsec	-	-	-
Bandwidth at -3.0 dB	MHz	5.65	5.80	-
Bandwidth at -40.0 dB	MHz	-	7.40	7.60
Ultimate Rejection	dB	50	55	-
Substrate Material	LN			

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 and Type	20.0 x 12.6 x 5.05 mm D			

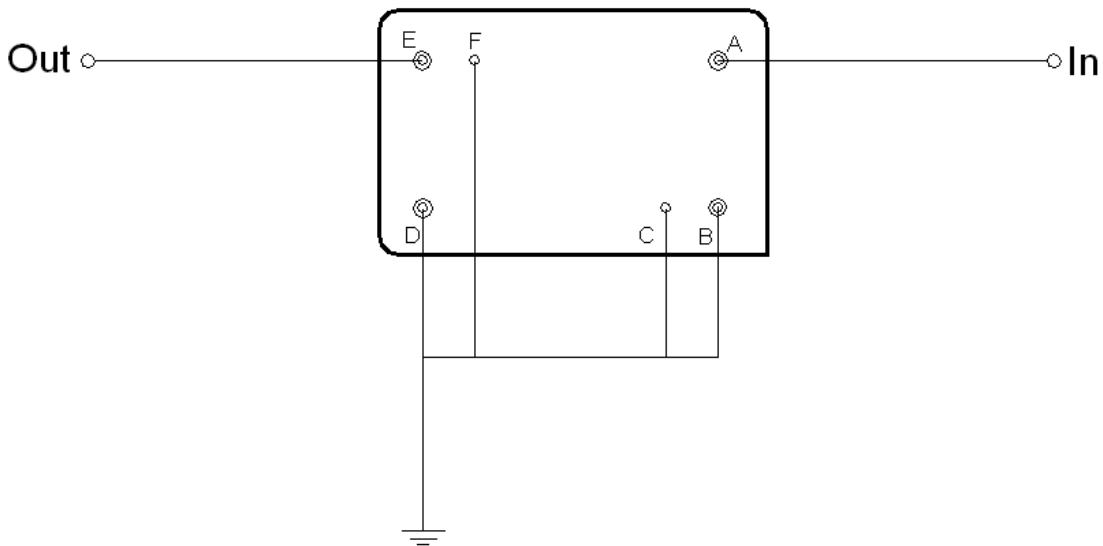


Outline Drawing:



Pin Description	
Ground	B C D F
Input	A
Output	E

Testing Environment:



Source/Load Impedance = 50 Ω