



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

# 70.0 MHz Saw Filter

## Part Number: AM70S333

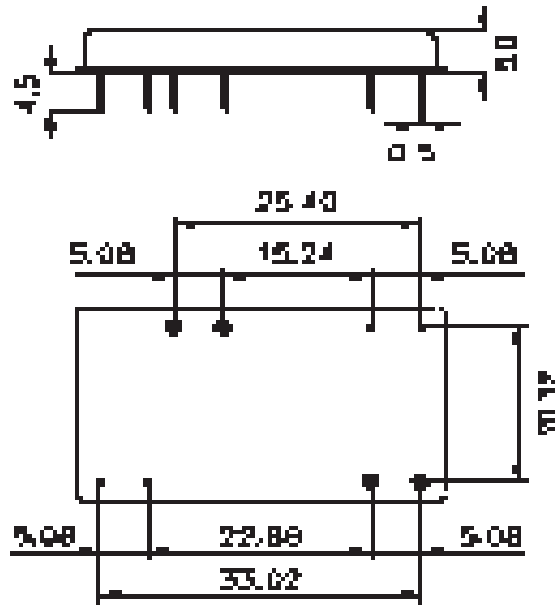


Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	69.94	70.00	70.06
Insertion Loss at Fo	dB	-	23.5	25.0
Passband Ripple Variation	dB	-	0.55	1.00
Group Delay Variation	nsec	-	100	150
Absolute Delay at Fo	µsec	-	3.75	-
Bandwidth at 3.0 dB	MHz	9.50	9.55	-
Bandwidth at 40.0 dB	MHz	-	10.45	10.55
Ultimate Rejection	dB	50	55	-
Temperature Coefficient	ppm/°C	-	-74	-
Substrate Material	128 LiNbO <sub>3</sub>			

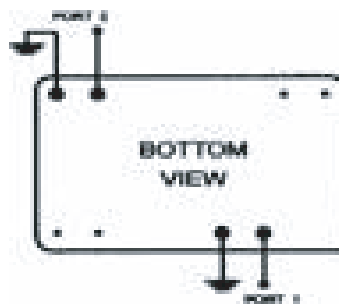
Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-30	-	+80
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	10
Maximum Input Power	dBm	-	-	10
Source Impedance (Single Ended) <sub>1</sub>	Ω	-	50	-
Load Impedance (Single Ended) <sub>1</sub>	Ω	-	50	-
Package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



**Outline Drawing:**



**Matching Configuration:**



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



# 70.0 MHz Saw Filter

Part Number: AM70S333



Plot:

