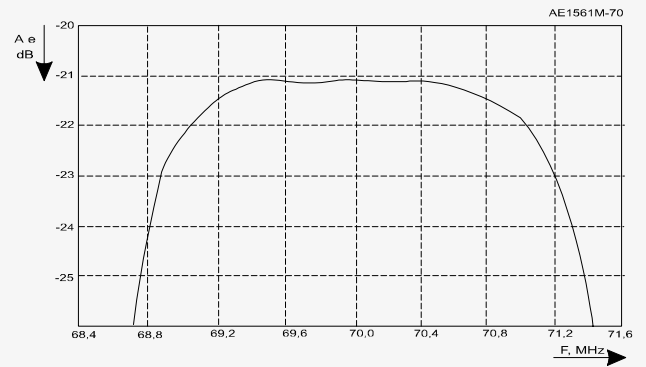
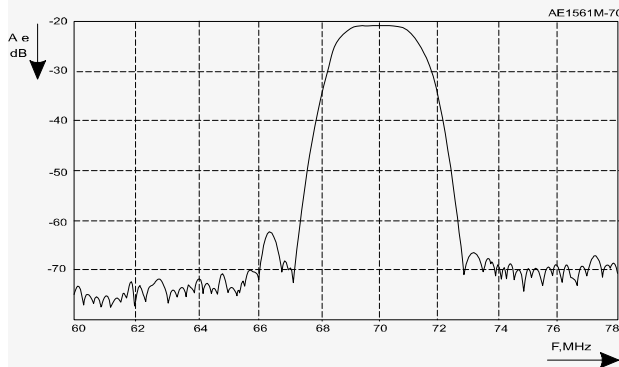




Precision 70 MHz SAW Filter

2.4 MHz bandwidth
AEC Part Number AE4561AM-70

Typical response

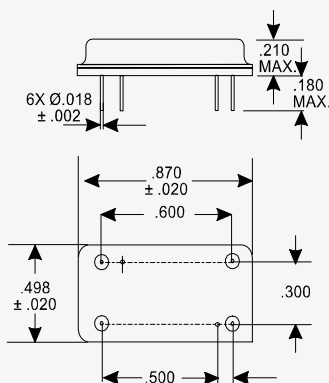


Specifications

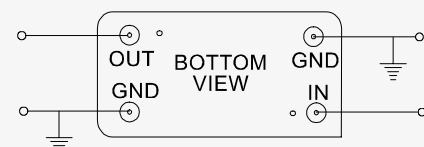
Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	69.900	70.000	70.100
Untuned Insertion loss	dB	20	21	22
Bandwidth @ -3dB	MHz	2.35	2.40	2.45
Bandwidth @ -40dB	MHz	4.75	4.8	4.85
Passband variation	dB	-	0.3	-
Group delay variation	nsec		100	200
Ultimate rejection	dB	45.0	50.0	55.0
Substrate material		-	112 LTO	-
Temperature	°C	-55.0	-	80.0

Note: Ambient temperature $T_a = 22.5$

Package outline



Matching configuration



No matching required
Source/Load Impedance = 50 Ω