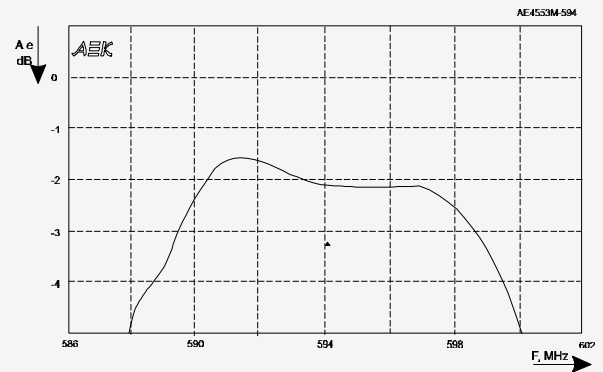
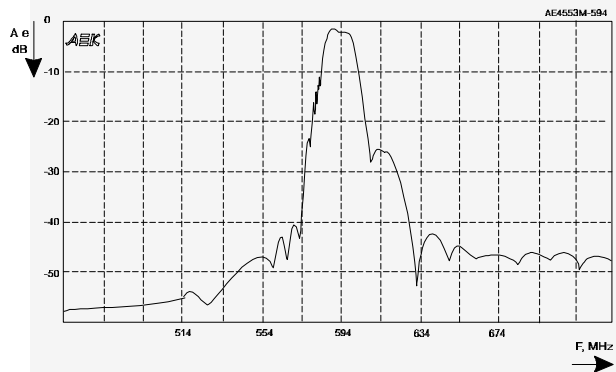




Low Loss 594 MHz SAW Filter

8.5 MHz bandwidth
AEC Part Number AE4553M-594

Typical response

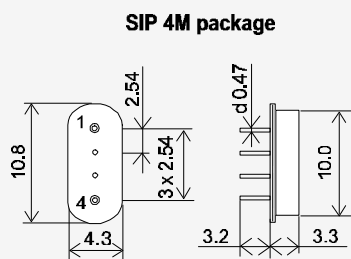


Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	593.5	594.0	594.5
Insertion loss	dB	1.5	1.7	2
Bandwidth @-1dB	MHz	8.3	8.5	9.0
Bandwidth @-40dB	MHz	-	51	-
Passband variation	dB	0.5	1.0	1.2
Group delay variation	ns		30	
Ultimate rejection	dB	45.0	50.0	55.0
Substrate material		-	36LiTaO3	-
Temperature range	°C	-55.0	-	85.0

Note: Ambient temperature $T_a = 22.5^\circ\text{C}$ $\text{TCF} = 30 \times 10^{-6}/^\circ\text{deg}$

Package outline



Dimensions in mm
Approx. weight 0,8 g

Matching configuration

