

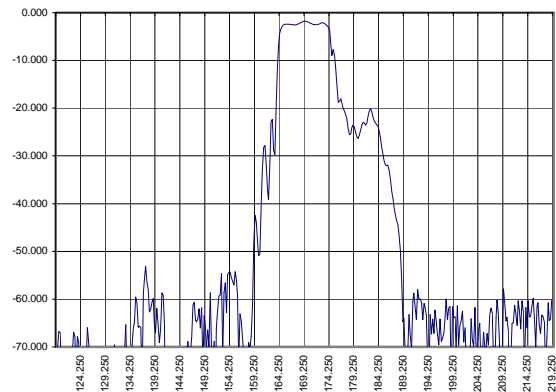
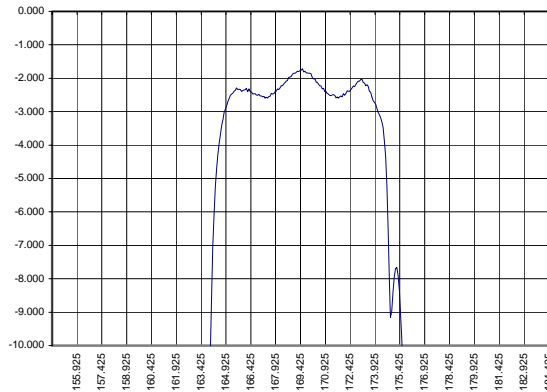
Low Loss SAW 169.5 MHz Filter

Bandwidth 8.5 MHz

AEC Part Number AE5572M-169.5

PRELIMINARY DATA

Typical performance



Specifications

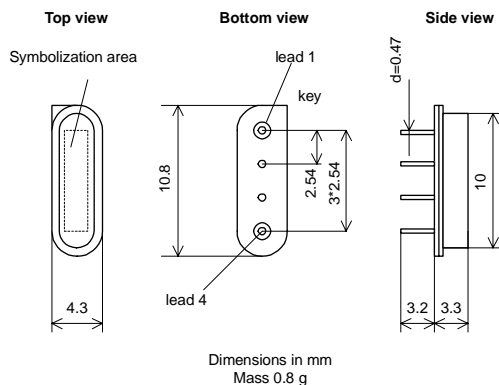
Parameter	Unit	Min	Typ	Max
Central frequency	MHz	168.97	169.50	170.03
Inserted loss	dB	-	-1.8	-2.0
Bandwidth @-1dB	MHz	8.5	9.0	-
Bandwidth @-20dB	MHz	-	20.25	-
Bandwidth @-40dB	MHz	-	27.00	-
Amplitude ripple	dB	-	0.9	1.1
Ultimate rejection	dB	50.0	-	-
Substrate			49 YX LiNbO3	
Temperature range	$^{\circ}\text{C}$	-55		85

Notes:

1. The design, manufacturing process, and specifications of this filter are subject to change.
2. Specification valid for measurements in AEC test fixture

Case

SIP4M



Matching

