

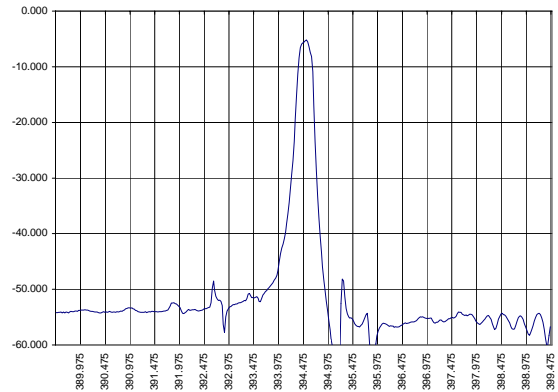
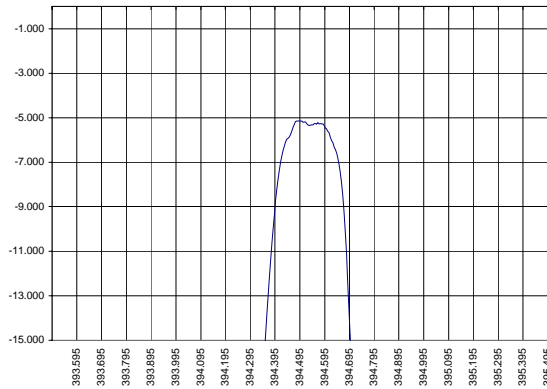
Low Loss SAW 394.5 MHz Filter

Bandwidth 0.2 MHz

AEC Part Number AE1530M-394.5

PRELIMINARY DATA

Typical performance



Specifications

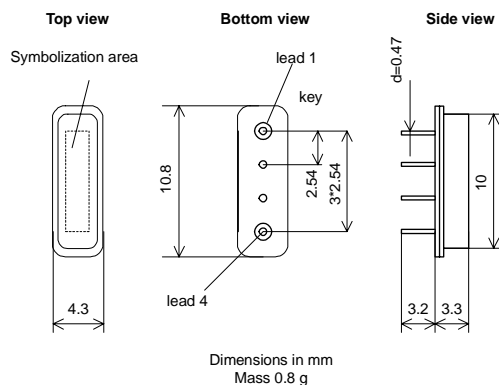
Parameter	Unit	Min	Typ	Max
Central frequency	MHz	-	394.50	-
Inserted loss	dB	-	-5.2	-6.0
Bandwidth @-2dB	MHz	-	0.22	-
Bandwidth @-30dB	MHz	-	0.60	-
Amplitude ripple	dB	-	-	2.0
Ultimate rejection	dB	-	40.0	-
Substrate		-	37 quartz	-
Temperature range	$^{\circ}\text{C}$	-55		85

Notes:

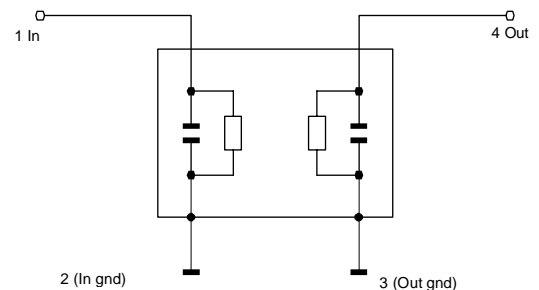
1. The design, manufacturing process, and specifications of this filter are subject to change.
2. Specification valid for measurements in AEC test fixture

Case

SIP4M



Matching



$Z_{in}=Z_{out}=50-75 \text{ Ohm}$

Parallel inductor - 27 nH and
Series capacitor - 1-3pF
on both ports