

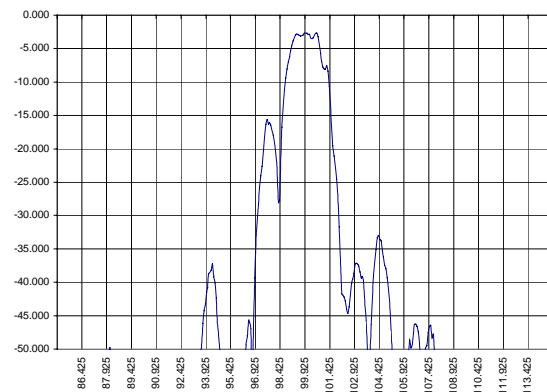
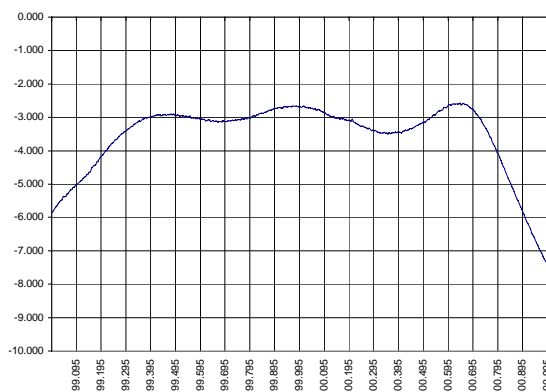
Low Loss SAW 100 MHz Filter

Bandwidth 1.67 MHz

AEC Part Number AE5528BH-100

PRELIMINARY DATA

Typical performance



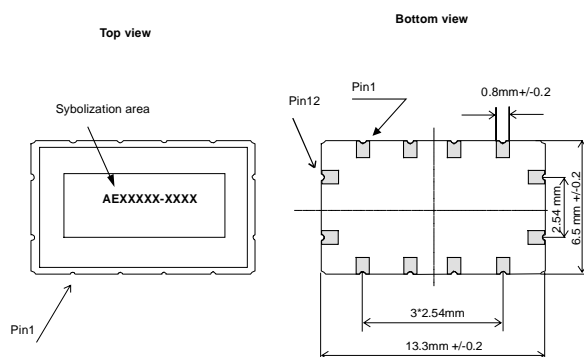
Specifications

Parameter	Unit	Min	Typ	Max
Central frequency	MHz	99.9	100	100.1
Inserted loss (unmatched)	dB	-	2.58	3.0
Bandwidth @-2dB	MHz	1.4	1.67	-
Bandwidth @-30dB	MHz	-	5	-
Amplitude ripple	dB	-	1.5	2.0
Ultimate rejection	dB	-	55	-
Substrate			128LNO	
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



Matching

