



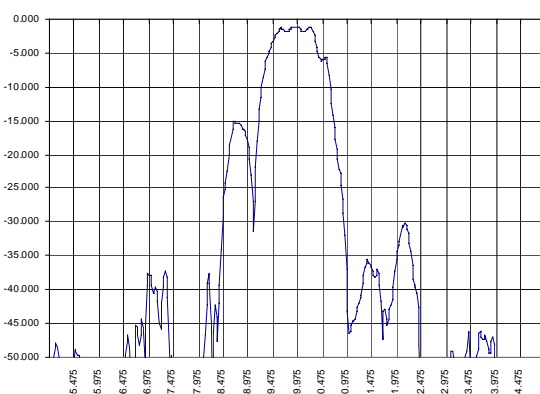
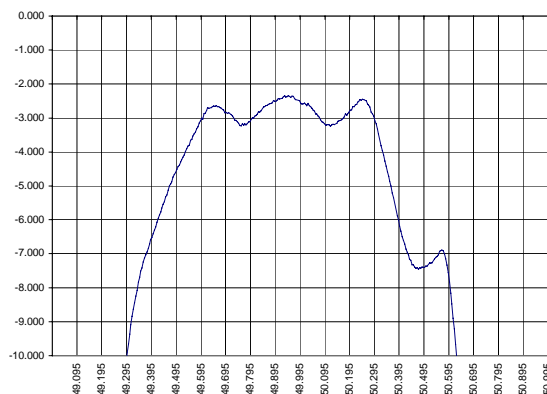
## Low Loss SAW 50 MHz Filter

Bandwidth 0.83 MHz

AEC Part Number AE5528H-50

PRELIMINARY DATA

### Typical performance



### Specifications

Parameter	Unit	Min	Typ	Max
Central frequency	MHz	49.9	50.00	50.1
Inserted loss (unmatched)	dB	-	2.35	3.0
Bandwidth @-2dB	MHz	0.8	0.83	-
Bandwidth @-25dB	MHz	-	2.4	-
Bandwidth @-40dB	MHz	-	5.5	-
Amplitude ripple	dB	-	0.8	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

