

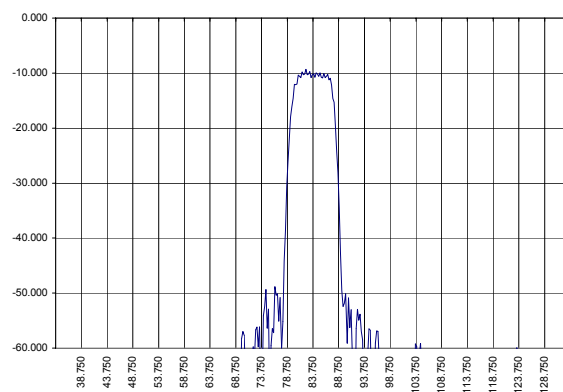
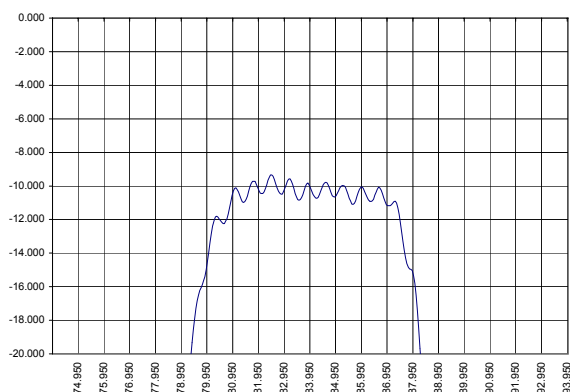
## Low Loss SAW 84 MHz Filter

### Bandwidth 7.3 MHz

AEC Part Number AE5556H-84

PRELIMINARY DATA

### Typical performance



### Specifications

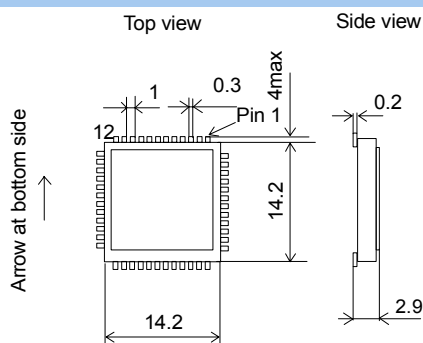
Parameter	Unit	Min	Typ	Max
Central frequency	MHz	83.70	84.00	84.30
Inserted loss (unmatched)	dB	9.0	9.3	10.5
Bandwidth @-3dB	MHz	7.20	7.30	7.50
Bandwidth @-35dB	MHz	-	11.00	-
Amplitude ripple	dB	-	1.5	2.0
Ultimate rejection	dB	50.0	-	-
Substrate		-	64 YX LiNbO3	-
Temperature range	$^{\circ}\text{C}$	-55.0		85.0

#### Notes:

1. Amplitude ripple may be improved by input port matching.
2. The design, manufacturing process, and specifications of this filter are subject to change.
3. Specification valid for measurements in AEC test fixture.

### Case

### Matching



H16.48-2B

Mass 1,7 g

