

# Low Loss SAW 50 MHz Filter

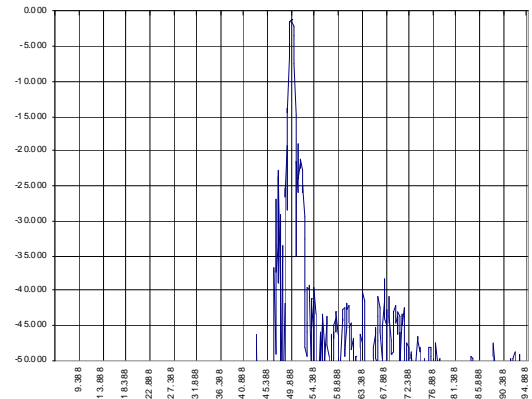
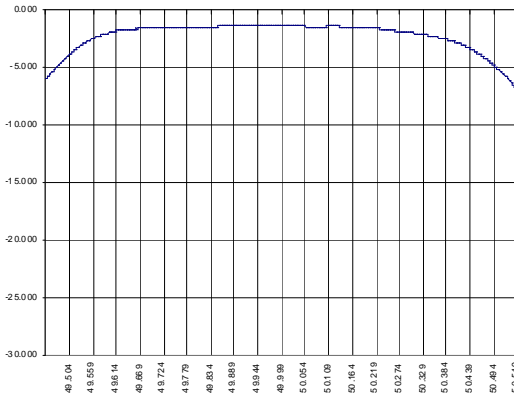
Bandwidth 1 MHz

AEC Part Number A333-50M1

Complies with Directive 2002/95/EC (RoHS)

PRELIMINARY DATA

## Typical performance



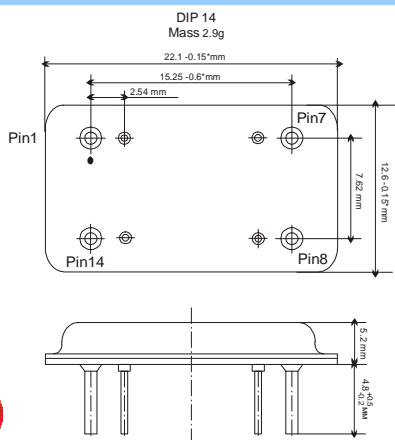
## Specifications

Parameter	Unit	Min	Typ	Max
Central frequency	MHz	49.950	50	50.050
Inserted loss (unmatched)	dB	1.1	1.3	1.5
Bandwidth @-3dB	MHz	0.95	1	1.05
Bandwidth @-15dB	MHz	1.4	1.45	1.5
Amplitude ripple (in bandwidth 0.8 MHz )	dB	-	1	1.5
Ultimate rejection	dB	-	50	-
Substrate			36LTO	
Temperature range	<sup>o</sup> 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

