



# Low Loss SAW 1000MHz Filter

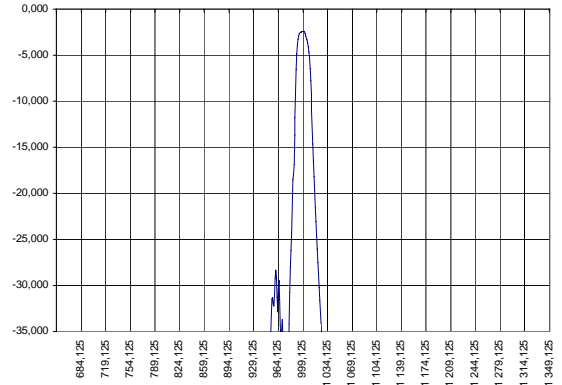
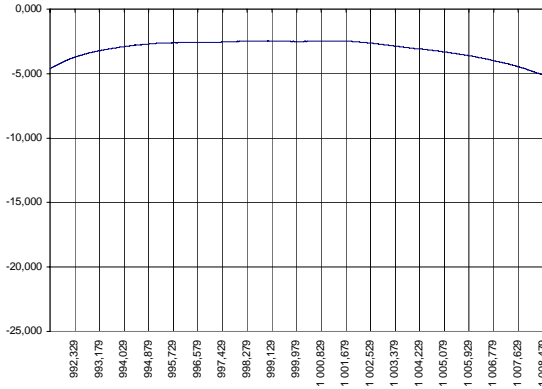
Bandwidth 15.5 MHz

AEC Part Number A075-1000M2

Complies with Directive 2002/95/EC (RoHS)

PRELIMINARY DATA

## Typical performance



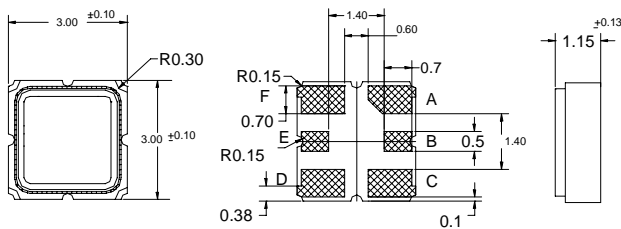
## Specifications

Parameter	Unit	Min	Typ	Max
Central frequency	MHz	998	1000	1002
Inserted loss (unmatched)	dB	2.4	2.6	3.0
Bandwidth @-2dB	MHz	15	15.5	16
Bandwidth @-25dB	MHz	37	38.5	40
Amplitude ripple	dB	-	0.6	1.5
Ultimate rejection	dB	-	40	-
Substrate			36LTO	
Temperature range	°C	-55		85

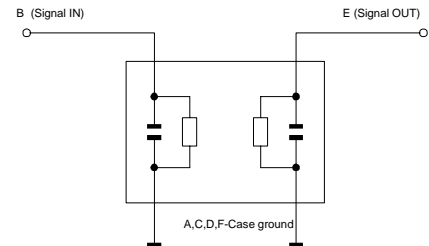
### Notes:

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



Z<sub>in</sub>=Z<sub>out</sub>=50 Ohm  
No matching required

