



# Low Loss SAW 1575.42MHz Filter

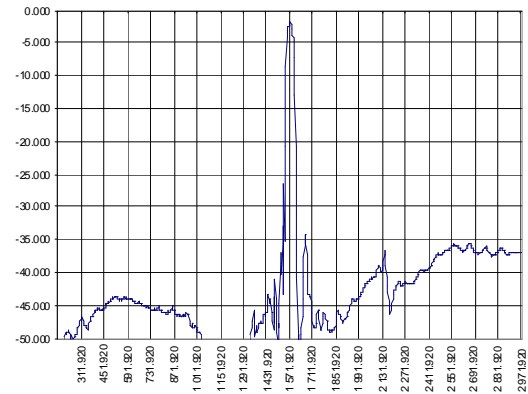
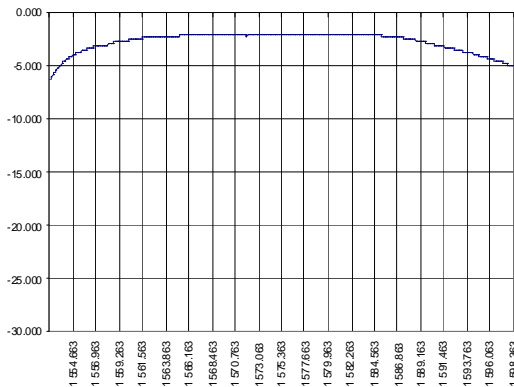
Bandwidth 10 MHz

Part Number A251-1575.42M1

Complies with Directive 2002/95/EC (RoHS)

PRELIMINARY DATA

## Typical performance



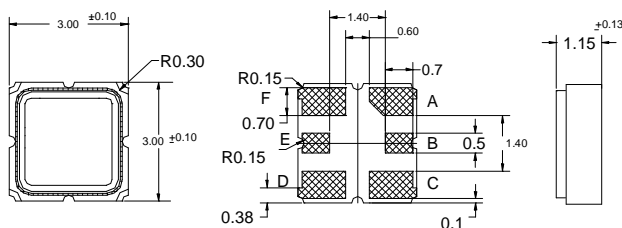
## Specifications

Parameter	Unit	Min	Typ	Max
Central frequency	MHz	1573.42	1575.42	1577.42
Inserted loss (unmatched)	dB	1.8	2	2.2
Bandwidth @-0.5dB	MHz	8	10	13
Bandwidth @-37dB	MHz	77	80	84
Amplitude ripple	dB	-	0.5	-
Ultimate rejection	dB	-	50	-
Substrate			36LTO	
Temperature range	°C	-55		85

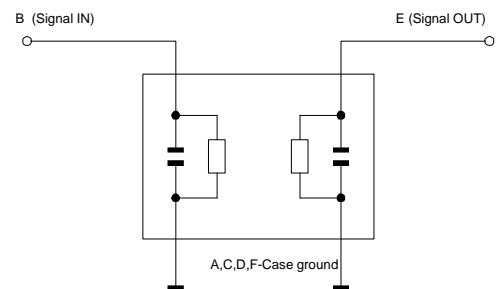
### Notes:

1. The design, manufacturing process, and specifications of this filter are subject to change.
2. Specification valid for measurements in AEC Design test fixture

## Case



## Matching



$Z_{in}=Z_{out}=50 \text{ Ohm}$   
No matching required

