

Low Loss SAW 1601.5MHz Filter

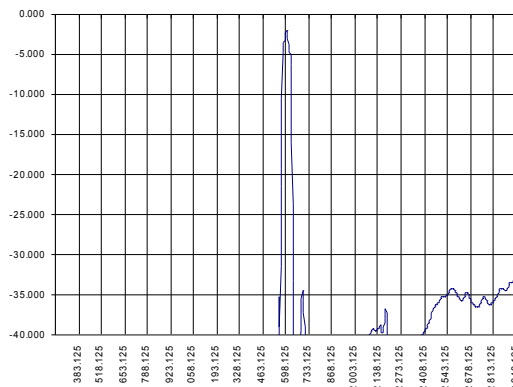
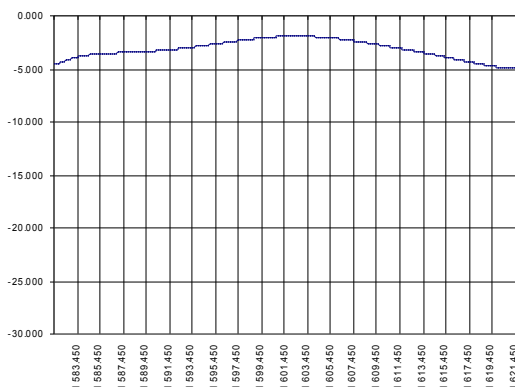
Bandwidth 23 MHz

Part Number A250-1601.5M1

Complies with Directive 2002/95/EC (RoHS)

PRELIMINARY DATA

Typical performance



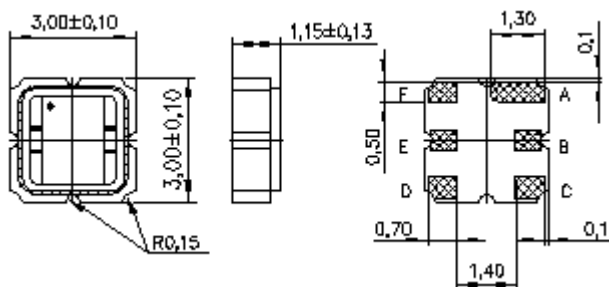
Specifications

Parameter	Unit	Min	Typ	Max
Central frequency	MHz	1599.5	1601.5	1603.5
Inserted loss (unmatched)	dB	1.8	2	2.5
Bandwidth @-1.5dB	MHz	23	25	28
Bandwidth @-37dB	MHz	-	80	84
Amplitude ripple	dB	-	1	1.5
Ultimate rejection	dB	-	50	-
Substrate			36LTO	
Temperature range	°C	-55	22	85

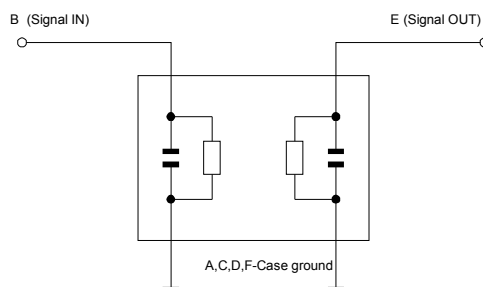
Notes:

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 Ohm
No matching required

