

# Low Loss SAW 1600 MHz Filter

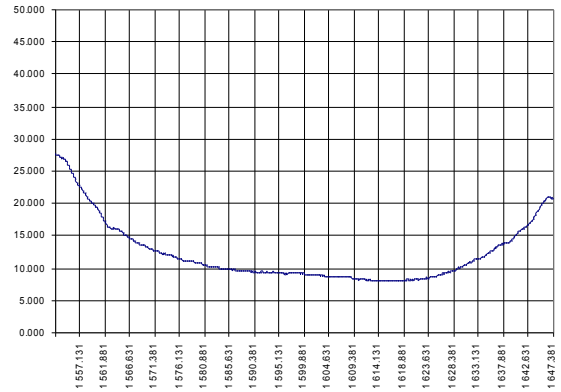
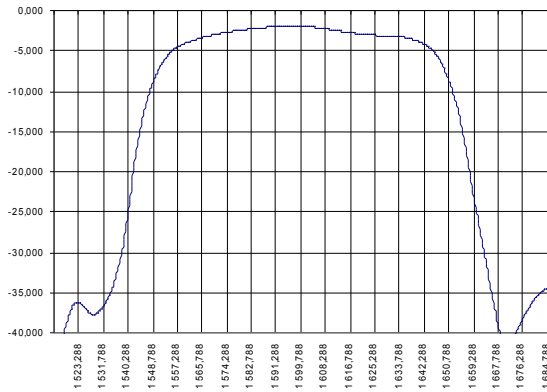
Bandwidth 82 MHz

Part Number A153-1600M1

Complies with Directive 2002/95/EC (RoHS)

PRELIMINARY DATA

## Typical performance



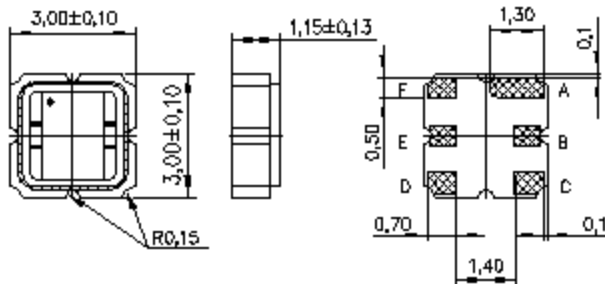
## Specifications

| Parameter                 | Unit | Min  | Typ   | Max  |
|---------------------------|------|------|-------|------|
| Central frequency         | MHz  | 1597 | 1600  | 1603 |
| Inserted loss (unmatched) | dB   | 2.0  | 2.3   | 2.6  |
| Bandwidth @-3dB           | MHz  | 82   | 85    | 90   |
| Bandwidth @-30dB          | MHz  | 128  | 130   | 133  |
| Amplitude ripple          | dB   | 0.7  | 1.0   | 1.5  |
| Group Delay variation     | nsec | 12   | 15    | -    |
| Substrate                 | -    | -    | 49LNO | -    |
| 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

