

## Low Loss SAW 286.2 MHz Filter

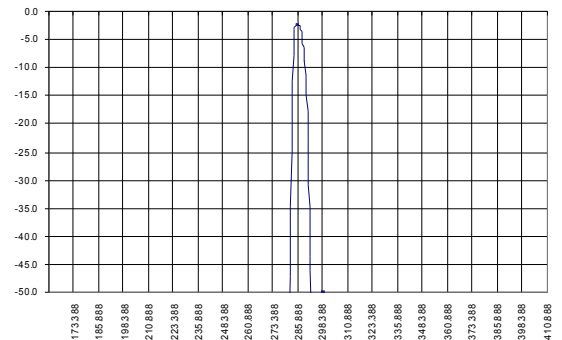
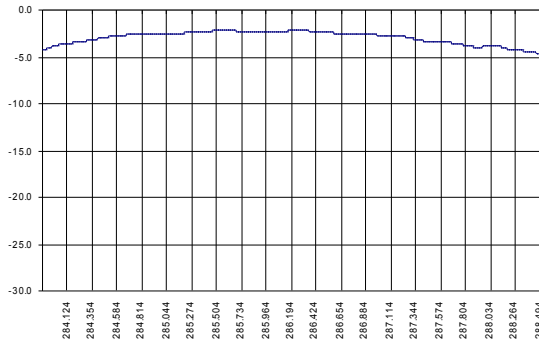
Bandwidth 4.2 MHz

Part Number A322-286.2M1

Complies with Directive 2002/95/EC (RoHS)

PRELIMINARY DATA

### Typical performance



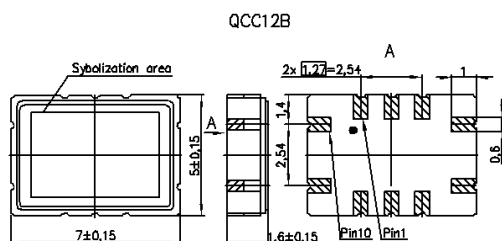
### Specifications

| Parameter                               | Unit | Min   | Typ   | Max   |
|---|------|-------|-------|-------|
| Central frequency                       | MHz  | 285.9 | 286.2 | 286.5 |
| Inserted loss (unmatched)               | dB   | 1.8   | 2.0   | 2.2   |
| Bandwidth @-2dB                         | MHz  | 4.0   | 4.2   | 4.5   |
| Bandwidth @-40dB                        | MHz  | 9.8   | 10.1  | 10.4  |
| Amplitude ripple (in bandwidth 2.5 MHz) | dB   | -     | 0.7   | 1.0   |
| Ultimate rejection                      | dB   | -     | 55    | -     |
| 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

