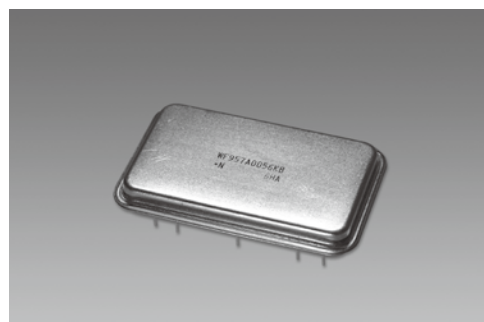


### ■ Features

- SAW filter for CATV.
- A low-loss filter.
- With a low-band ripple.
- Excellent group delay characteristics.
- Excellent guaranteed attenuation.

Pb  
Free

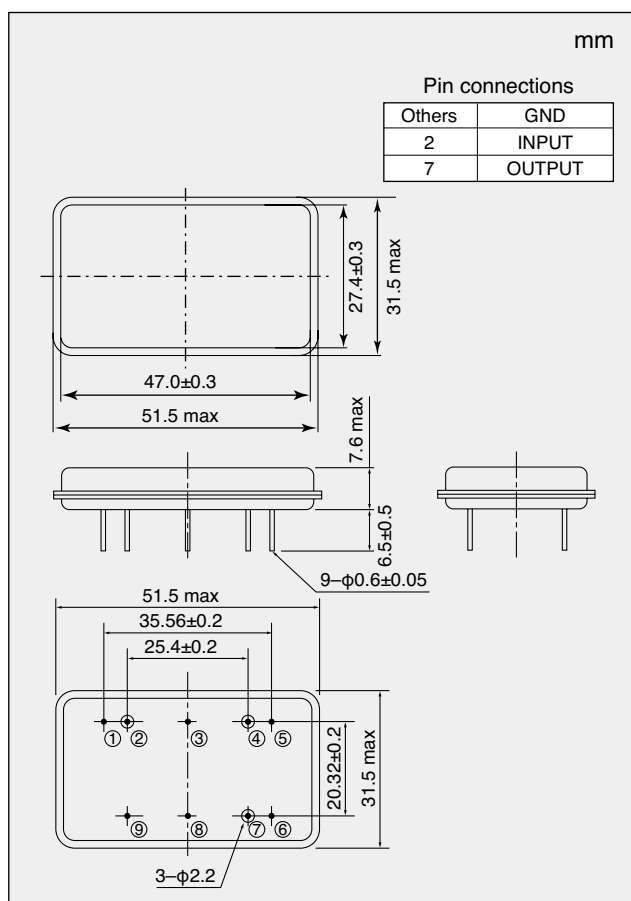
RoHS Compliant  
Directive 2011/65/EU



### ■ Specifications

| Model                                                           | WF957A0056KB                                       |      |      |
|-----------------------------------------------------------------|----------------------------------------------------|------|------|
| Item                                                            | min.                                               | typ. | max. |
| Nominal center frequency : f <sub>0</sub> (MHz)                 | 56.857142                                          |      |      |
| Insertion loss (dB) (at f <sub>0</sub> )                        | –                                                  | 27.4 | 35   |
| In-band deviation (dB p-p) (f <sub>0</sub> ±2.79 MHz)           | –                                                  | 0.7  | 1.2  |
| Group delay deviation (ns p-p) (f <sub>0</sub> ±2.79 MHz)       | –                                                  | 60.0 | 140  |
| Out-of-band attenuation (dB)<br>from the minimal insertion loss | f <sub>0</sub> –15 MHz to f <sub>0</sub> –3.21 MHz | 30   | 37   |
|                                                                 | f <sub>0</sub> +3.21 MHz to f <sub>0</sub> +15 MHz | 30   | 38   |
| Operating temperature range (°C)                                | 0 to +60                                           |      |      |
| Terminating impedance (Ω)                                       | 50                                                 |      |      |

### ■ Dimensions



### ■ Characteristics

