

## WF994A0056RC

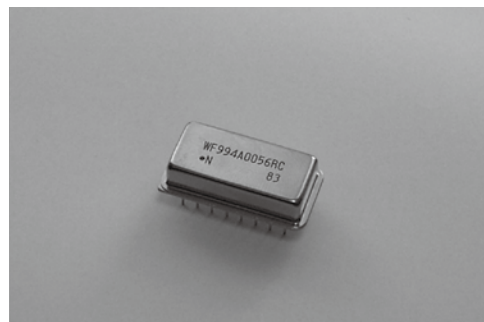
For High Precision Industry

### ■ Features

- IF SAW filter for digital terrestrial broadcasting mini-satellite.
- Compact.
- With a low-band ripple.
- Excellent steepness characteristics.

Pb  
Free

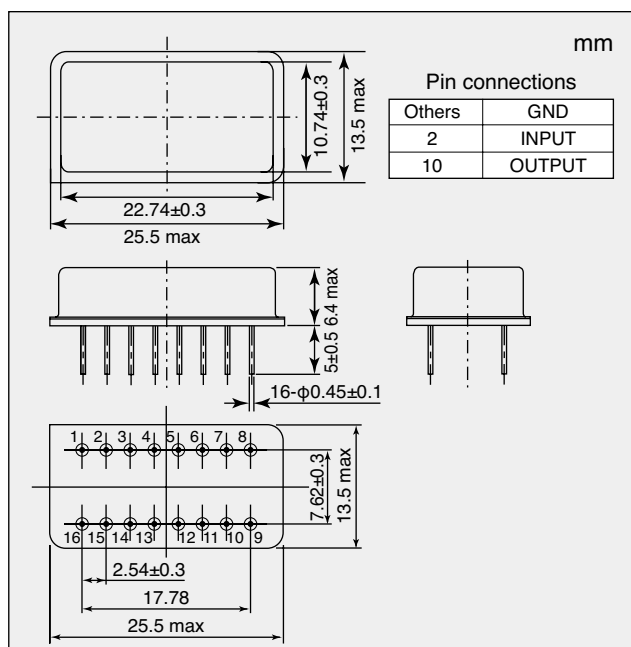
RoHS Compliant  
Directive 2011/65/EU



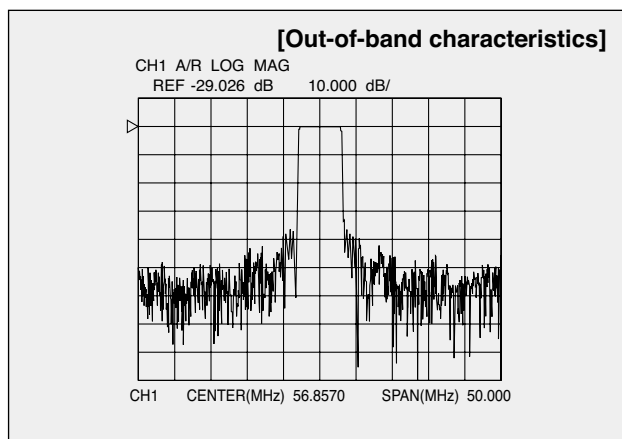
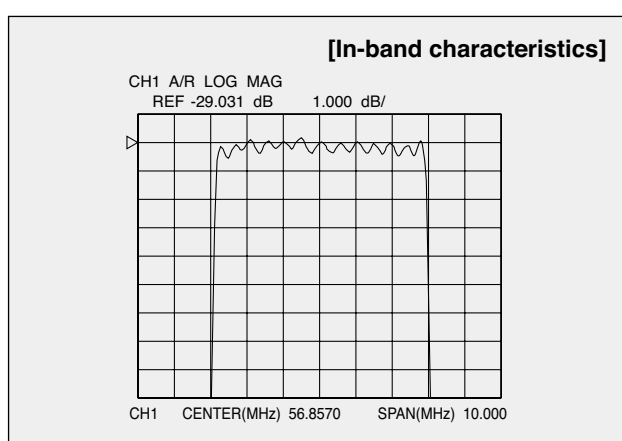
### ■ Specifications

| Model                                                 | WF994A0056RC                                           |       |       |
|-------------------------------------------------------|--------------------------------------------------------|-------|-------|
| Item                                                  | min.                                                   | typ.  | max.  |
| Nominal frequency : f <sub>0</sub> (MHz)              | 56.857                                                 |       |       |
| Minimum loss : IL (dB)                                | -                                                      | 28.5  | 30    |
| 1 dB bandwidth :<br>(Minimum loss) :                  | Lower (MHz)                                            | -2.84 | -2.81 |
|                                                       | Upper (MHz)                                            | +2.81 | -     |
| In-band deviation (Max. f <sub>0</sub> ±2.81 MHz)(dB) | -                                                      | 0.79  | 1.0   |
| Guaranteed attenuation<br>(Minimum loss standard)     | f <sub>0</sub> -12.857 to f <sub>0</sub> -3.2 MHz (dB) | 30    | -     |
|                                                       | f <sub>0</sub> +3.2 to f <sub>0</sub> +13.143 MHz (dB) | 30    | -     |
| Operating temperature range (°C)                      | +23 to +27                                             |       |       |
| Terminating impedance (Ω)                             | 50                                                     |       |       |

### ■ Dimensions



### ■ Characteristics



### ■ Matching Circuit

