

## WFC68A0433CJ

For Automotive

### ■ Features

- SAW filter for remote controller.
- A filter with low insertion loss.
- Compact and light.

Pb  
Free

RoHS Compliant  
Directive 2011/65/EU



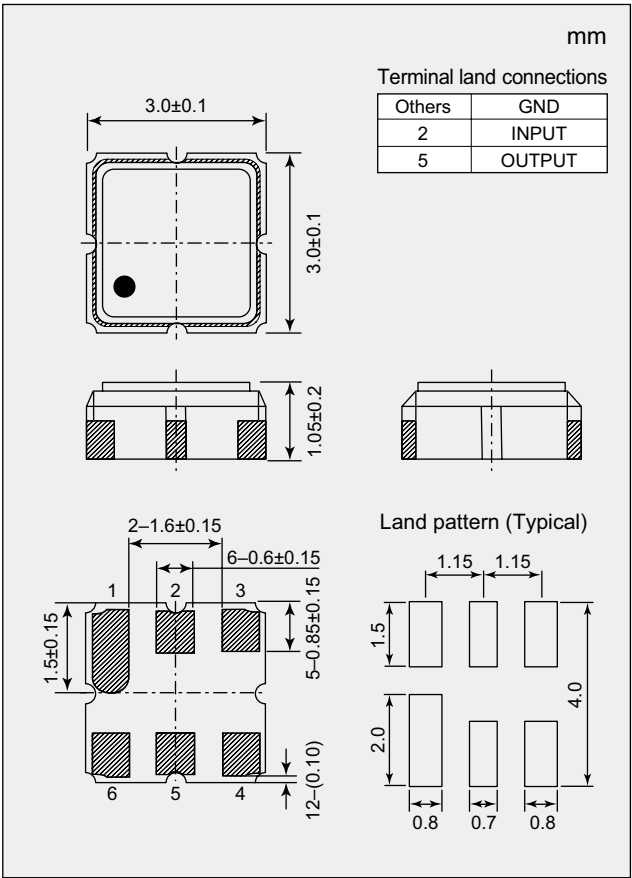
### ■ Specifications

| Model                                                            |                     | WFC68A0433CJ       |        |      |
|------------------------------------------------------------------|---------------------|--------------------|--------|------|
| Item                                                             |                     | min.               | typ.   | max. |
| Nominal Frequency (MHz)                                          |                     | –                  | 433.92 | –    |
| Minimum Insertion Loss (dB) at 433.74 to 434.10MHz               |                     | –                  | 2.1    | 3.2  |
| Ripple (dB) at 433.74 to 434.10MHz                               |                     | –                  | 0.5    | 1.0  |
| Guaranteed attenuation (dB)<br>(Relative minimum insertion loss) | 40 to 380MHz        | 50                 | 60     | –    |
|                                                                  | 380 to 414MHz       | 45                 | 55     | –    |
|                                                                  | 414 to 427MHz       | 35                 | 40     | –    |
|                                                                  | 427 to 431.52MHz    | 15                 | 20     | –    |
|                                                                  | 431.52 to 432.92MHz | 10                 | 20     | –    |
|                                                                  | 435.1 to 444.5MHz   | 12                 | 15     | –    |
|                                                                  | 444.5 to 450MHz     | 25                 | 38     | –    |
|                                                                  | 450 to 810MHz       | 35                 | 45     | –    |
|                                                                  | 810 to 1000MHz      | 45                 | 65     | –    |
|                                                                  | 1000 to 2000MHz     | 50                 | 60     | –    |
| Operating temperature range (°C)                                 |                     | –40 to +85         |        |      |
| Impedance (Ω)                                                    |                     | 50 (with matching) |        |      |

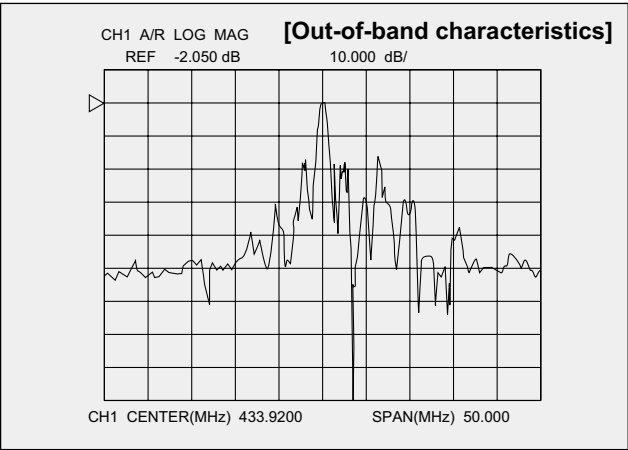
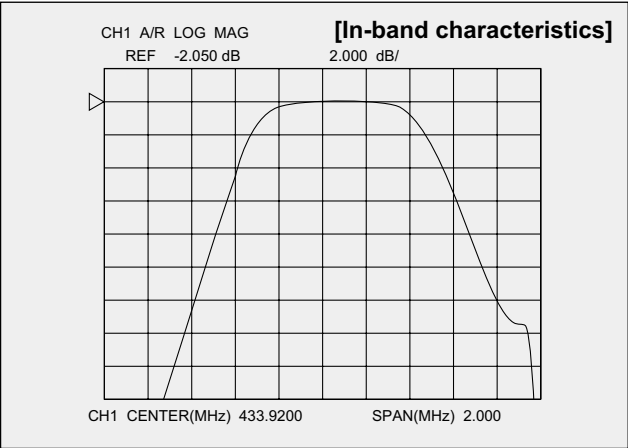
## WFC68A0433CJ

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### ■ Dimensions



### ■ Characteristics



### ■ Matching Circuit

