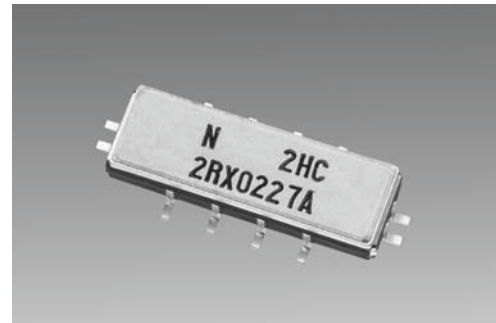


## 51.84-MHz Timing Filter for Optical Communication For Industrial Use

### ■ Features

A timing filter for optical communication is used for clock extraction in optical fiber communication.

- Highly reliable.

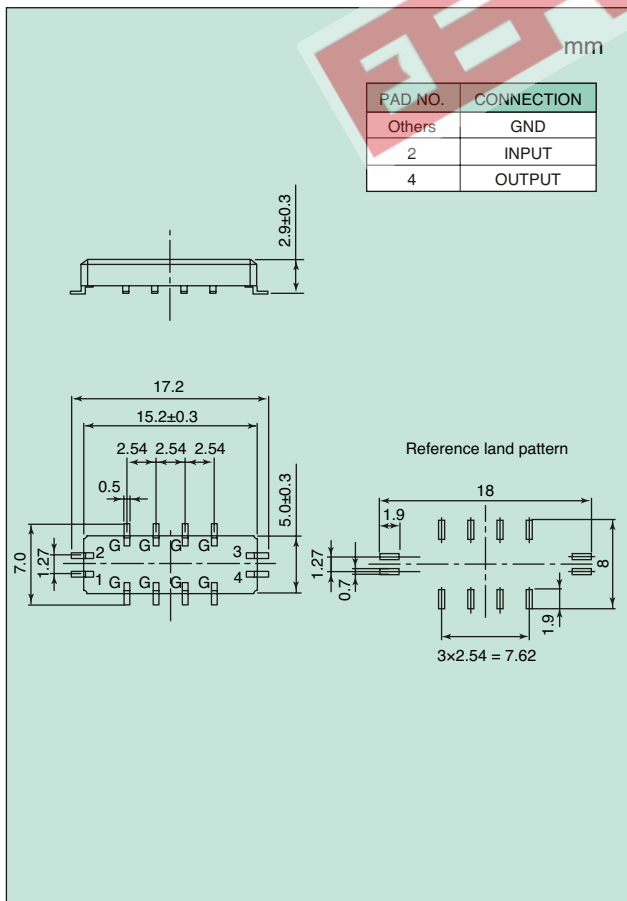


**Pb Free** **RoHS Compliant**  
Directive 2002/95/EC

### ■ Specifications

| Model                            | WF227A            |       |        |
|----------------------------------|-------------------|-------|--------|
| Item                             | min.              | typ.  | max.   |
| Nominal frequency 3dB (MHz)      | 51.833            | 51.84 | 51.847 |
| Q value 3dB                      | 600               | 900   | 1000   |
| Minimal loss (dB)                | –                 | 10.5  | 18.0   |
| Guaranteed attenuation (dB)      | 5.3 to 50.8MHz    | 25    | 30     |
|                                  | 52.88 to 103.6MHz | 25    | 30     |
| Operating temperature range (°C) | 0 to +70          |       |        |
| Terminating impedance (Ω)        | 600               |       |        |

### ■ Dimensions



### ■ Characteristics

