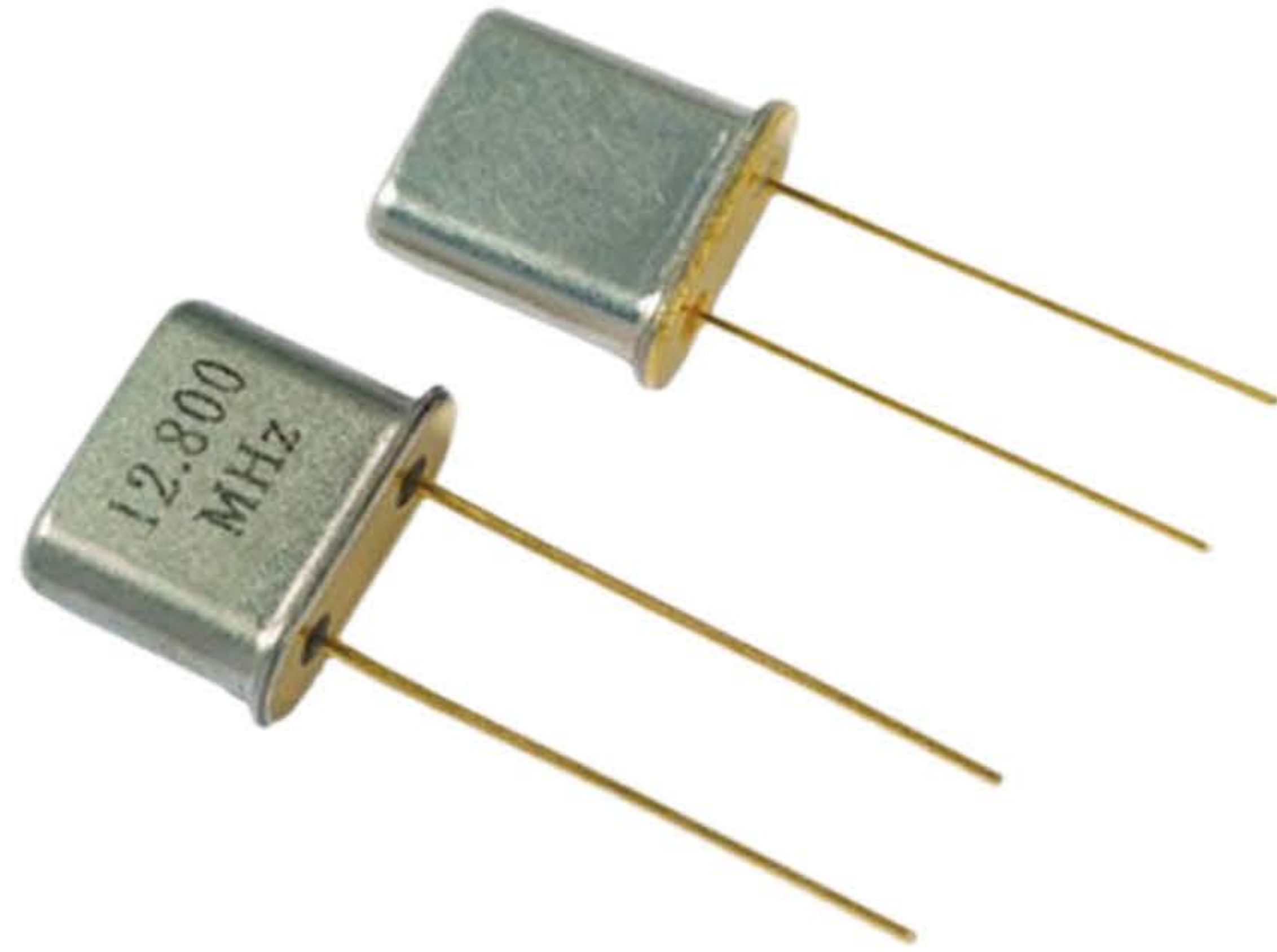


## Features

- Wide Frequency Range
- Good Aging Rate
- AT Cut
- Environmentally friendly product

## Application

- Communication Devices
- Instruments and Apparatus



## Electrical Specification

| Model                     | UM-5  |                 |                 |                 |
|---------------------------|---|-----------------|-----------------|-----------------|
| Frequency Range(MHz)      | 8~40  | 30~100          | 80~155          | 120~200         |
| Vibration Mode            | AT<br>Fundamental                                 | 3rd<br>Overtone | 5rd<br>Overtone | 7rd<br>Overtone |
| Frequency Tolerance(25°C) | $\pm 5 \times 10^{-6} \sim \pm 30 \times 10^{-6}$ |                 |                 |                 |
| Storage Temperature       | $-55^{\circ}\text{C} \sim +125^{\circ}\text{C}$   |                 |                 |                 |
| Static Capacity           | 7pF Max.  |                 |                 |                 |
| Load Capacitance          | 6pF~30pF or Cascade                               |                 |                 |                 |
| Insulation Resistance     | $>500\text{M}\Omega$ DC/100V $\pm 10\text{V}$     |                 |                 |                 |
| Driving Power             | 0.01mW~0.1mW                                      |                 |                 |                 |
| Frequency Aging           | $\pm 3 \times 10^{-6}$ /Year Max.                 |                 |                 |                 |

## Drawing

