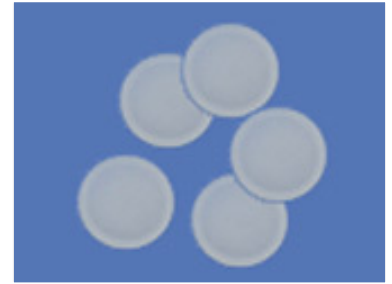


# HC-49U Quartz Crystal Wafer

The HC-49U quartz wafer is a compact component for frequency control in electronic circuits. It is characterized by high stability, precision, and reliability.



## Overview

### HC-49U Quartz Crystal Wafer

The HC-49U Quartz Crystal Wafer is a high-precision frequency control component designed for reliable electronic timing. It offers stable performance across a wide range of applications, from automotive systems to consumer electronics. With customizable options and robust construction, it serves as a critical element for accurate synchronization in modern circuitry.

## Technical Specifications

### Performance Data

Parameter	Example Value	Available Range
ZZ' Angle	35° 15' ±30"	±15" to ±1'
Dimension	∅8.0 +0/-0.05mm	∅4.5 to ∅9.0mm
Frequency	20.0000 MHz	3.0 to 100 MHz
Quality Factor (Q)	e 2.6 × 10 <sup>6</sup>	

## Customization

**Customization** Available as per customer requirements, including OEM and ODM services.

## Applications

**Common Applications** Car Navigation, Engine Control, Keyless Entry, TPMS, Wireless Network, Microprocessors, Consumer Electronics

## Certifications

### Quality Standards

ISO 9001:2008 • ISO 14001:2004 • ISO/TS 16949:2009