# **Crystal Resonators / MHz Band Crystal Resonators**

### AT-49



#### ■ Features

- Crystal resonators offering excellent frequency stability for use in microprocessors and other standard clocks.
- The AT-49 is also suitable for visual applications.
- AEC-Q200 Compliant



Pb-Free



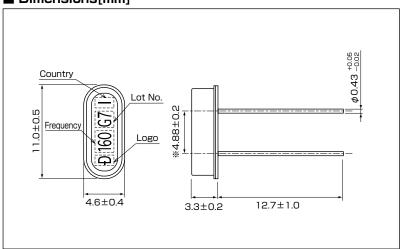
RoHS Compliant

## **■** Standard Specification

Item Type	AT-49	
Frequency Range	3.072 ~ 33.9MHz	26.0 ~ 70.0MHz
Overtone Order	Fundamental	3rd overtone
Load Capacitance	Series, 8pF, 10pF, 12pF	
Drive Level	10μW (300μW max.)	50μW (1mW max.)
Frequency Tolerance	±30×10 <sup>-6</sup> , ±50×10 <sup>-6</sup> , ±100×10 <sup>-6</sup> ( at 25°C )	
Series Resistance	$40\sim300\Omega$ max.	$80\sim100\Omega$ max.
Frequency Characteristics over Temperature	$\pm 30 \times 10^{-6}$ , $\pm 50 \times 10^{-6}$ , $\pm 100 \times 10^{-6}$ / $-10 \sim +60 ^{\circ}$ C ( Ref. to 25 $^{\circ}$ C )	
Storage Temperature Range	-30~+80℃	
Packing Unit	1000pcs	

Consult our sales representative for other specifications.

## ■ Dimensions[mm]



\*Measurement between the root of the leads.