

# Crystal Unit AEC-Q200



for Ultra-Small Size

## Applications

- Automotive
- Industrial

## Features

- Dimensions: 1.60 x 1.20 x 0.35mm
- Standard Frequency: 24 ~ 60MHz
- AEC-Q200 Qualified
- Seam with Vacuum Sealed

## Specifications (规格参数)

Symbol	Specifications	Item
$f_{nom}$	24 ~ 60MHz	Nominal Frequency Range (额定频率范围)
CL	3pF, 9pF, 12pF, or specify	Load Capacitance (负载电容)
$f_{tol}$	$\pm 10ppm$ , or specify	Frequency Tolerance (频率误差) (at 25°C)
$f_{0.5\%}$	$\pm 50ppm$ , or specify	Frequency vs. Temperature Characteristics (频率温度特性)
$T_{max}$	40 ~ 125°C, or specify	Operating Temperature (工作温度)
$T_{stg}$	-55 ~ 125°C	Storage Temperature (储存温度)
CO	3pF Max	Shunt Capacitance (静态电容)
IDL	10 ~ 100mW Max (100mW typical)	Level of Drive (激励功率)
Age	$\pm 2ppm$ /year Max	Aging (老化) (at 25°C)

## Resistance (等效串联电阻 (ESR))

## Equivalent Series

YSX1612SC	
24 ~ 40MHz	150Ω Max
41 ~ 60MHz	100Ω Max

## Dimensions and Recommended Land Pattern (外观尺寸及推荐焊盘)

