

Crystal Unit

HC-49US DIP



Applications

- Industrial Control
- Consumer Electronics

Features

- Dimensions: 11.5 x 4.5 x 3.6mm
- Standard Frequency: 3.2768 ~ 32MHz

- Through Hole Type Crystal Unit

Specifications (规格参数)

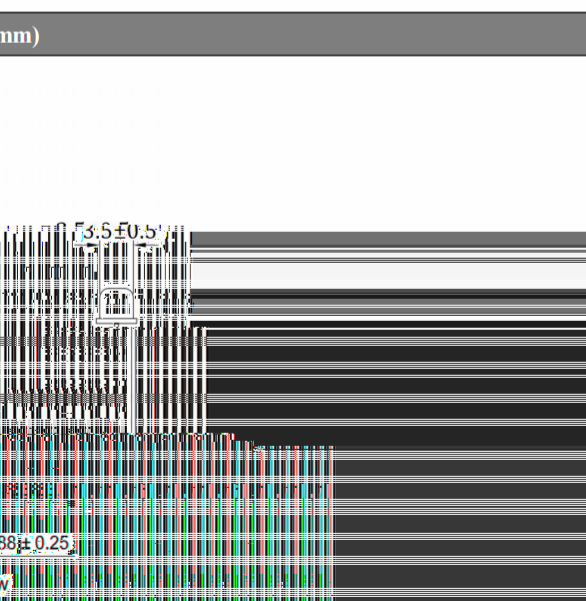
Specifications
3.2768 ~ 32MHz
AT Fundamental
12pF, 20pF, or specify
±10ppm, ±20ppm, or specify
±20ppm, or specify
0~+70°C, -40~+85°C, or specify
-40 ~ + 85°C
7pF Max
~500μW Max (100μW typical)
±3ppm/year Max

Item	Symbol	
Nominal Frequency Range 额定频率范围	f _{nom}	
Vibration Mode 震动模式	-	
Load Capacitance 负载电容	CL	
Frequency Tolerance 频率偏差 (at 25°C)	f _{tol}	
Frequency Versus Temperature Characteristics 频率-温度特性	f _{tem}	
Operating Temperature 工作温度	T _{use}	-2
Storage Temperature 储存温度	T _{stg}	
Shunt Capacitance 静态电容	C0	
Level of Drive 激励电平	DL	1
Aging 老化(at 25°C)	f _{age}	

Frequency Range	Equivalent Series Resistance
6 ~ 7MHz	80Ω Max
7 ~ 10MHz	60Ω Max
11 ~ 32MHz	40Ω Max

Frequency Range	Equivalent Series Resistance
3.2768 ~ 4MHz	180Ω Max
4 ~ 5MHz	120Ω Max
5 ~ 6MHz	100Ω Max

Dimensions (外观尺寸及推荐焊盘)



Dimensions and Recommended Land Pattern

