

Crystal Unit AEC-Q200



Applications / Applications / Features

- Automotive
- Industrial
- Dimensions: 5.00 x 3.20 x 1.10mm
- Standard Frequency: 7.4 ~ 54MHz

- 2 pads SMD Metal Sealed Crystal Unit

Specifications (规格参数)

Specifications
7.4 ~ 54MHz
AT Fundamental
10pF, 20pF, or specify
±30ppm, or specify
±50ppm, or specify
-55~+125°C, or specify
-55~+125°C
±5pF Max
100µW Max(100µW typical)
±2ppm/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	18pF
Frequency Tolerance (频率偏差) (at 25°C)	f_tol	±10ppm
Frequency Versus Temperature Characteristics (频率-温度特性)	f_tem	±1ppm/°C
Operating Temperature (工作温度)	T_use	-40~+125°C
Storage Temperature (储存温度)	T_stg	-55~+125°C
Shunt Capacitance (静态电容)	C0	±0.5pF
Level of Drive (激励电平)	DL	1~300µW
Aging (老化) (at 25°C)	f_age	±2ppm/year

Equivalent Series Resistance (等效串联电阻(ESR))

Frequency Range	ESR
7.4 ~ 11.9MHz	100Ω Max
12.0 ~ 13.0MHz	60Ω Max
14 ~ 19.9MHz	14Ω Max

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

Dimensions and Recommended Land Pattern

