Crystal Units
HC-49S SMD Series

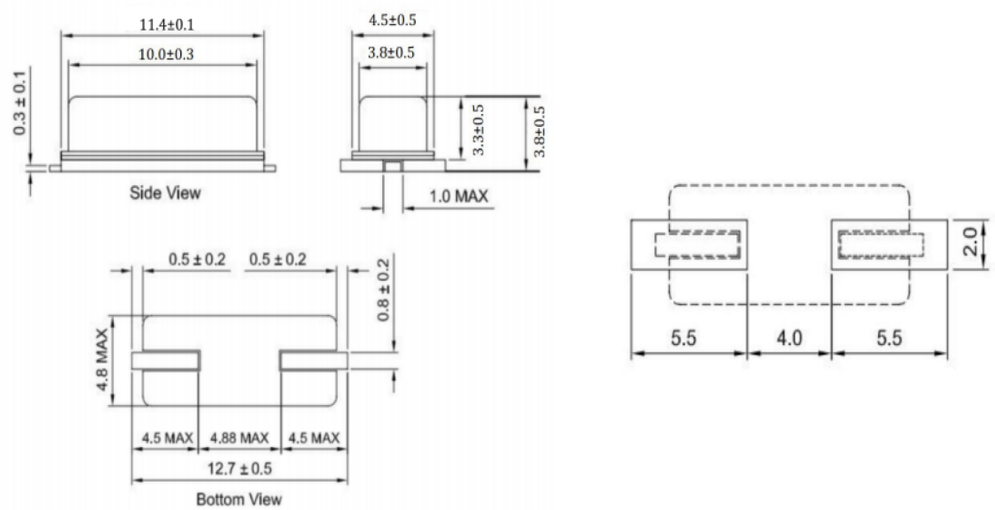
Features
Applications
Industria
Consumer
Electronics

Dimensions:11.4x4.5x3.8mm
Standard Frequency:3.2768～32MHz
Surface Mount Type Crystal Units

Electrical Specifications

Item / Type	
Frequency Range 频率范围	3.2768~ 32.00MHz
Frequency Tolerance (at 25 ℃) 调频偏差	± 10 ppm ± 20 ppm, or specify
Frequency Stability 频率温度特性	± 10 ppm ± 20 ppm, or specify
Operating Temperature Range 工作温度	-20 ~ +70℃ -40 ~ +85℃, or specify
Shunt Capacitance (C0) 静态电容	7pF Max.
Drive Level 激励功率	10 μW~200μW (Max 100 μW)
Load Capacitance 负载电容	6pF 8pF 9pF 10pF 12pF 20pF, or specify
Aging (at 25 ℃) 年老化率	± 3 ppm year Max.
Storage Temperature Range 存储温度	- 4 0 ~ + 85 ℃

Equivalent Series Resistance(ESR)

Fundamental			
3.2768~4MHz	120 Ω Max.	6~17MHz	60 Ω Max.
17~32 MHz	40 Ω Max.		

Dimensions