



RoHS Compliant Standard **HC-49SMD**



Features 特性

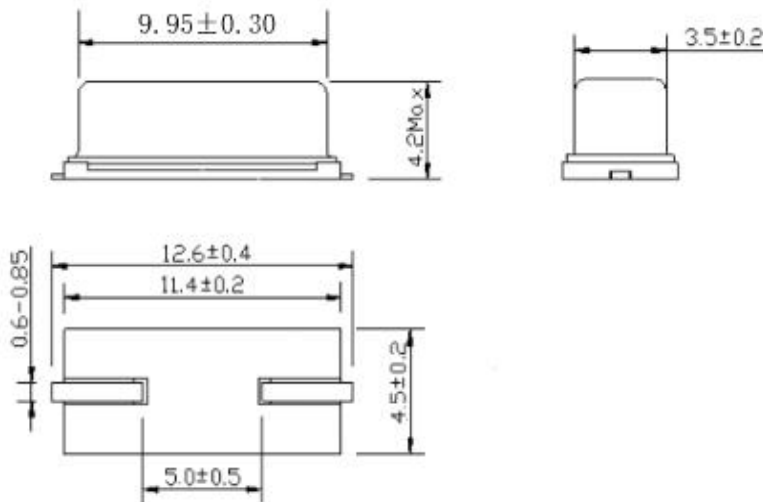
- Nominal Frequency:4.000MHz, 25.000MHz 标称频率: 4.000MHz, 25.000MHz
- Excellent clock signal generator for CPU's适用于卓越的CPU时钟信号发生器
- Available in extended temperature range适用于宽广的温度范围

STANDARD SPECIFICATIONS 标准规格

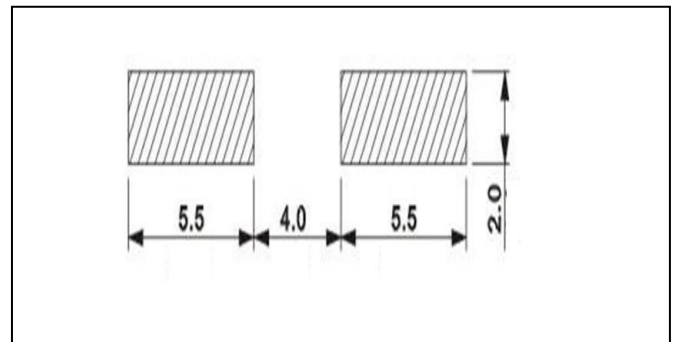
Item	Model	HC-49SMD	Conditions
Nominal Frequency 标称频率		4.000MHz/25.000MHz (Fund.)	Need to specify
Frequency Tolerance 调整频差		±30ppm	at 25°C
Freq. Tol. Over Temp. 温度频差		±30ppm	
Operating Temp. Range 工作温度范围		-40~+85°C	
Limit temperature range 极限温度范围		-45~+90°C	
Storage Temp. Range 保存温度范围		-45~+90°C	
Storage humidity range 储存湿度范围		<70%	
Atmospheric pressure range 大气压力范围		63.0kPa~106.0kPa	
Series Resistance 谐振电阻		90Ω/50ΩMax.	at 25°C
Load Capacitance 负载电容		20pF	Need to specify
Shunt Capacitance 静态电容		7.0pF Max.	
Drive Level 激励电平		100 μw Max.	
Aging[first year] 第一年老化率		±5ppm Max.	25±3°C
Insulation Resistance 绝缘阻抗		500Mohm Min.	DC100V±15V

OUTLINE DRAWING OF HC-49SM SERIES

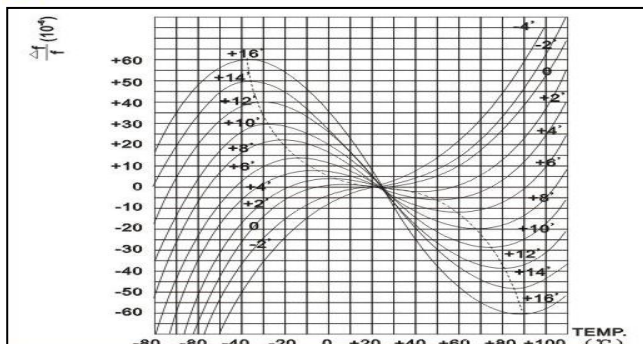
Dimensions(mm)



RECOMMENDED SOLDER PATTERN



FREQUENCY VS. TEMPERATURE CURVE



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