



RoHS Compliant Standard **HC-49SMD**



Features 特性

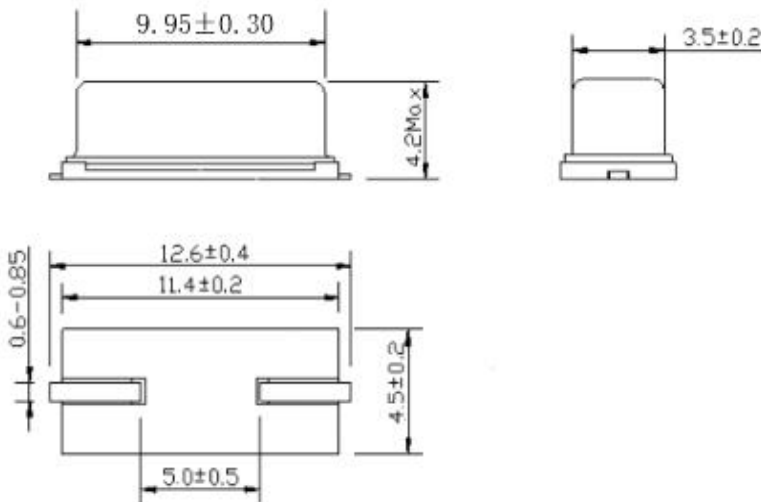
- Nominal Frequency:4.000MHz, 25.000MHz 标称频率: 4.000MHz, 25.000MHz
- Excellent clock signal generator for CPU's适用于卓越的CPU时钟信号发生器
- Available in extended temperature range适用于宽广的温度范围

STANDARD SPECIFICATIONS 标准规格

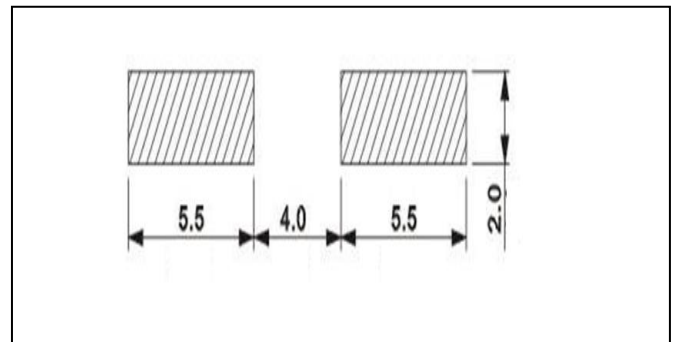
Item	Model	HC-49SMD	Conditions
Nominal Frequency	标称频率	4.000MHz/25.000MHz (Fund.)	Need to specify
Frequency Tolerance	调整频差	±30ppm	at 25°C
Freq. Tol. Over Temp.	温度频差	±30ppm	
Operating Temp. Range	工作温度范围	-40~+85°C	
Limit temperature range	极限温度范围	-45~+90°C	
Storage Temp. Range	保存温度范围	-45~+90°C	
Storage humidity 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 μ w 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

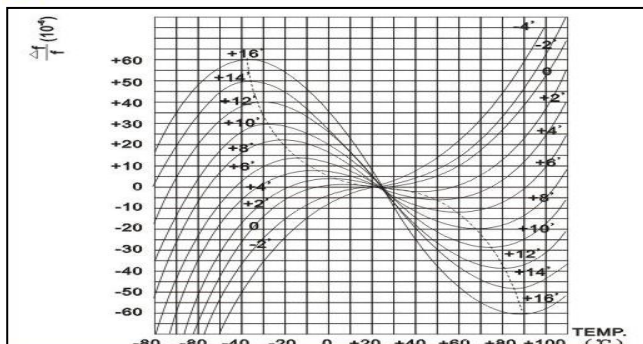
Dimensions(mm)



RECOMMENDED SOLDER PATTERN



FREQUENCY VS. TEMPERATURE CURVE



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