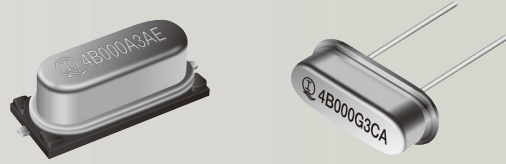


SMHF-49B/THHF-49S | HC-49S series

FEATURES

- AT-cut crystal performance
- Wide frequency range
- Standard and moderate precision available
- Low profile package



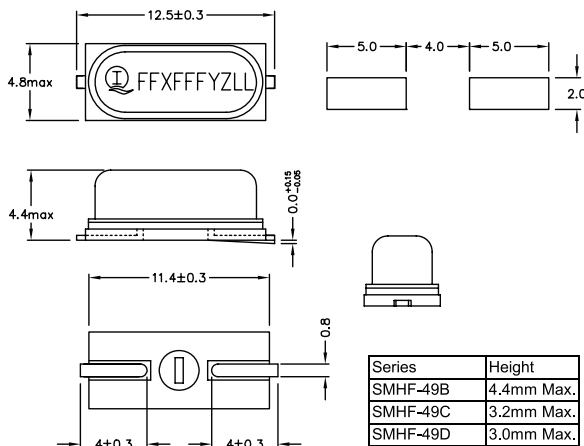
Parameters	Symbol	Specifications
Nominal Frequency Range 标称频率范围	f_0	3.5MHz ~ 40.0MHz (Fundamental) 30.0MHz ~ 80.0MHz (3rd Overtone)
Frequency Tolerance, Ta=25°C ± 3°C 常温频率偏差	$\Delta f/f$	±10ppm, ±30ppm
Load Capacitance 负载电容	C_L	18pF or specify
Frequency Tolerance over Operating Temperature Range 频率温度特性	$\Delta f/f$	±10ppm, ±30ppm
Operating Temperature Range 工作温度	T_{OPR}	-20°C ~ +70°C, -40°C ~ +85°C
Storage Temperature Range 储存温度	T_{STG}	-55°C ~ +125°C
Drive Level 激励功率	DL	0.1mW (1mW Max.)
Shunt Capacitance 静态电容	C_0	7pF Max.
Insulation Resistance 绝缘电阻	IR	500MΩ Min.
Aging 老化率	Δf_A	±5ppm/Year

Equivalent Series Resistance (ESR) 串联谐振阻抗						
Frequency Range	3.5 $f_0 \le 4.5$	4.5 $f_0 \le 6$	6 $f_0 \le 8$	8 $f_0 \le 12$	12 $f_0 \le 15$	15 $f_0 \le 18$
ESR	120Ω Max.	90Ω Max.	70Ω Max.	60Ω Max.	40Ω Max.	30Ω Max.
Frequency Range	18 $f_0 \le 40$	30 $f_0 \le 35$ (3.0.T)	35 $f_0 \le 40$ (3.0.T)	40 $f_0 \le 80$ (3.0.T)		
ESR	25Ω Max.	100Ω Max.	80Ω Max.	70Ω Max.		

Please consult our sales representatives for other specifications. 如对其他规格查询, 请与我司销售人员联系。

Dimensions

SMHF-49B



THHF-49S

