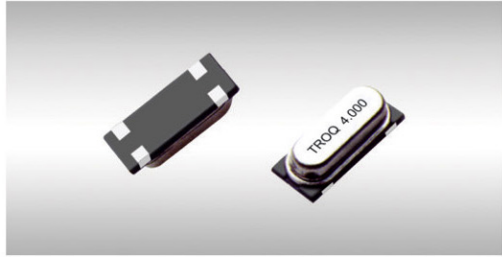


## 石英晶体谐振器

### HC-49SM-4



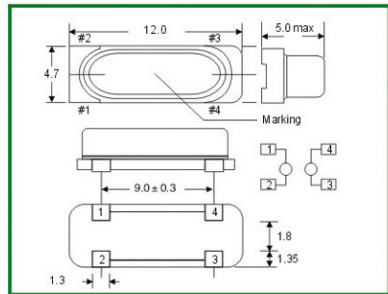
#### ■ 技术参数 SPECIFICATIONS

频率范围	FREQUENCY RANGE	3.000MHz ~ 100MHz
振荡模式	MODE OF OSCILLATION	FUND, 3RD, 5TH
调整频差	FREQUENCY TOLERANCE(AT 25℃ ± 2℃)	± 5ppm ~ ± 30ppm
温度频差	FREQUENCY STABILITY OVER TEMPERATURE	± 10ppm ~ ± 30ppm
		± 100ppm(BT CUT)
工作温度范围	OPERATING TEMPERATURE RANGE	-20℃~+70℃ or SPECIFY
储存温度范围	STORAGE TEMPERATURE RANGE	-40℃~+85℃
老化率	AGING	± 3ppm ~ ± 5ppm/YEAR
负载电容	LOAD CAPACITANCE	4PF ~ ∞ (SERIES)
静电容	SHUNT CAPACITANCE	< 7PF
谐振电阻	EQUIVALENT SERIES RESISTANCE (ESR)	SEE PAGE 见下表
激励电平	DRIVE LEVEL	1 μW ~ 100 μW

#### ■ 谐振电阻 ESR(MAX)

外观尺寸: DIMENSION(UNIT: mm)

振荡模式	频率范围	谐振电阻
基频 (FUND)	3.0MHz to 4.0MHz	150Ω to 50Ω
	4.0MHz to 6.0MHz	50Ω to 40Ω
	6.0MHz to 8.0MHz	40Ω to 30Ω
	8.0MHz to 12.0MHz	30Ω to 25Ω
	12.0MHz to 36.0MHz	25Ω to 15Ω
三倍频 (3RD)	24.0MHz to 40.0MHz	100Ω to 50Ω
	40.0MHz to 80.0MHz	50Ω to 40Ω
五倍频 (5TH)	50.0MHz to 100MHz	100Ω



#### HC-49SM-4 EMBOSSED CARRIER DIMENSIONS

