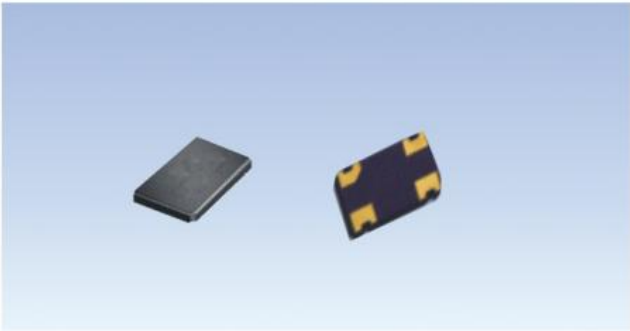




■ 特性 (FEATURES)

频率范围：12–54MHZ
Frequency Range：12–54MHZ
适合于低功耗的便携设备
Suited for automatic mounting and reflow soldering
适用于数码设备的所有时钟源
Crystal resonators offering excellent frequency stability for use in microprocessors and other standard clocks.



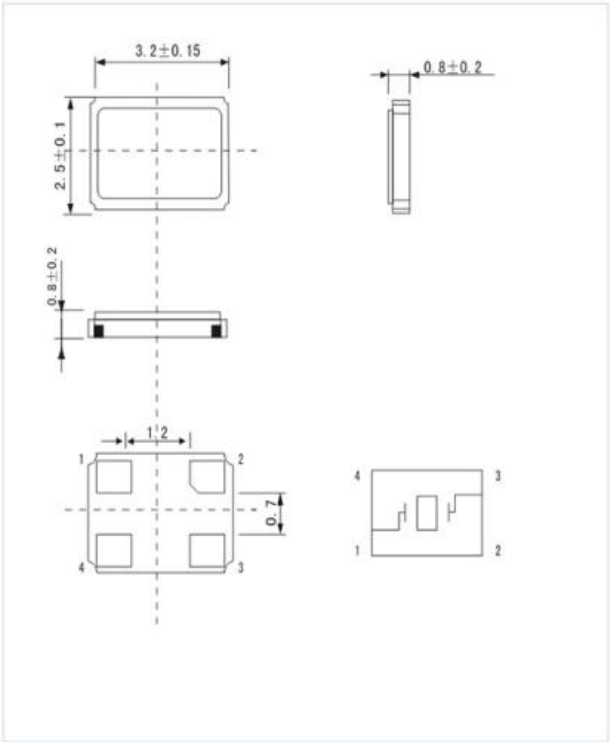
■ 标准规格 (STANDARD SPECIFICATION)

Item	Model	3225 GLASS 4PIN
频率范围 (Frequency Range)		12.000MHz to 54.000MHz
调整频差 (Frequency Tolerance)		± 10ppm~ ± 100ppm
温度频差 (Freq. Tol. Over Temp)		± 30ppm or ± 50ppm
工作温度范围 (Operating Temperature Range)		-20~+70℃ or -40~+85℃
保存温度范围 (Storage Temperature Range)		-40~+85℃ or -55~+125℃
第一年老化率 (Aging[first year])		± 3ppm Max
负载电容 (Load Capacitance)		20pF
静态电容 (Shunt Capacitance)		7pF MAX
谐振电阻 (Equivalent series resistance Esr)		Refer to the table as below
激励电平 (Drive Level)		10μW TYP

■ 谐振电阻 (SERIES RESISTANCE)

频率范围(Freq. Range)	12–16MHz	16.01–20MHz	20.01–30MHz	30.01–54MHz
振动模式(Mode)	Fund	Fund	Fund	Fund
谐振电阻(Series Resistance)	150ohm Max	100ohm Max	80ohm Max	60ohm Max

■ OUTLINE DIMENSIONS (mm)



■ INTERNAL CONNECTIONS

