FEATURE

- Frequency range : 32.768 kHz (32 kHz ~ 77.5 kHz)
- Package size : 3.2 × 1.5 × 0.80 mm
- Mode : Fundamental

APPLICATIONS

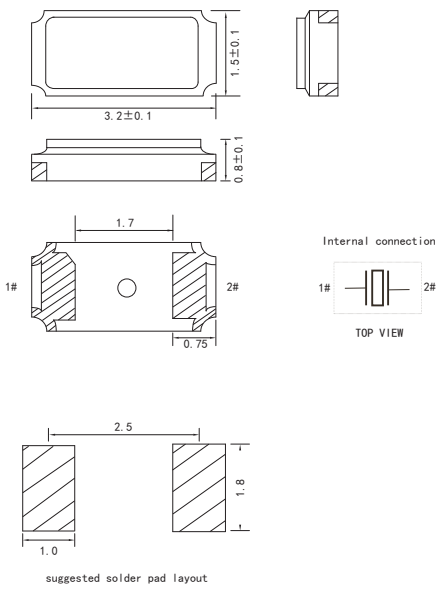
- Widely used in small portable communication devices.

•Electrical Specifications 电气参数

型号	Holder Type	Turning Fork SMD3215
频率范围	Frequency Range	32KHZ~77.5KHZ
调整频差范围	Frequency Tolerance （△F） (at25℃)	±10ppm \±20ppm
频率温度系数	Parabolic curvature constant	-0.042ppm / （△℃）^{2}Maximum
拐点温度	Tumover temperature	25℃ ±5℃
工作温度范围	Operating Temperature Range	-40℃ to +85℃
老化	Aging （at 25℃）	±3ppm/ year Maximum
保存温度范围	Storage Temperature Range	-40℃ to +85℃
静电容	Shunt Capacitance （C0）	1.0PF Typical (32.768KHZ)
动电容	Motional Capacitance （C1）	3.4fF Typical (32.768KHZ)
激励功率	Drive Level	0.5 μW (1.0 μW Max.)
绝缘阻抗	Insulaton Resistance （Rs）	500 Megaohms Minimum at 100VD.C
负载电容	Load Capacitance （CL）	7PF,9PF,12.5PF

•Mechanical Dimensions 外型尺寸

UNIT(单位):mm(毫米)

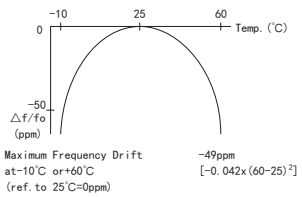


Notes: Do not design other lines and pads on the bottom of the product.

•Equivalent Series Resistance and Mode of Operation 等效阻抗和振荡模式

Frequency Range 频率范围	ESR（Ω）等效阻抗
30 ≤ f ＜ 40KHZ	70K MAX
40 ≤ f ＜ 60KHZ	60K MAX
60 ≤ f ＜ 77.5KHZ	45K MAX

•Frequency vs.Temperature Curve 频率温度曲线



SCTF
The above specifications are standard for SCTF product
If you have special requirement please Contact SCTF sales with your enquiries
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