

SMD QUARTZ CRYSTAL RESONATOR

Tuning Fork 3.20 x 1.50 x 0.9 mm

Applications

Digital Electronics
Consumer Products
Products and Mobile
Communications

Features

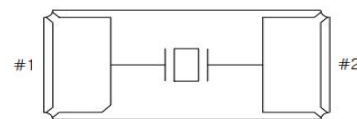
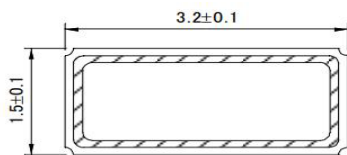
Dimensions: 3.20 x 1.50 x 0.9 mm
Excellent heat resistance
Reflow soldering is available
High precision and high frequency stab



Specifications

PARAMETERS	参数	SPECIFICATION 规格
Frequency Range	频率范围	32.768Khz
Loading Capacitance	负载电容	7pF,9pF,12.5pF,or specify
Drive Level	激励电平	1.0μW
Frequency Tolerance	频率偏差	±20ppm (at 25°C)
Equivalent Resistance	谐振电阻	70KΩ Max
Temperature coefficient	温度曲线系数	-0.04×10 ⁻⁶ /°C ² max
Operating Temp. Range	工作温度范围	-40~+85°C
Storage Temp. Range	储存温度范围	-55 ~ +125°C
(25°C, First Year)	年老化率	±3ppm max

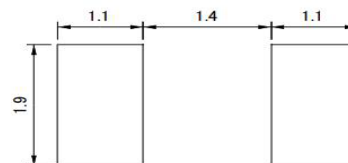
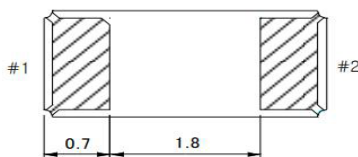
Dimensions and Patterns [unit:mm]



Pin	Function
#1	Xtal Terminal (Input)
#2	Xtal Terminal (Output)



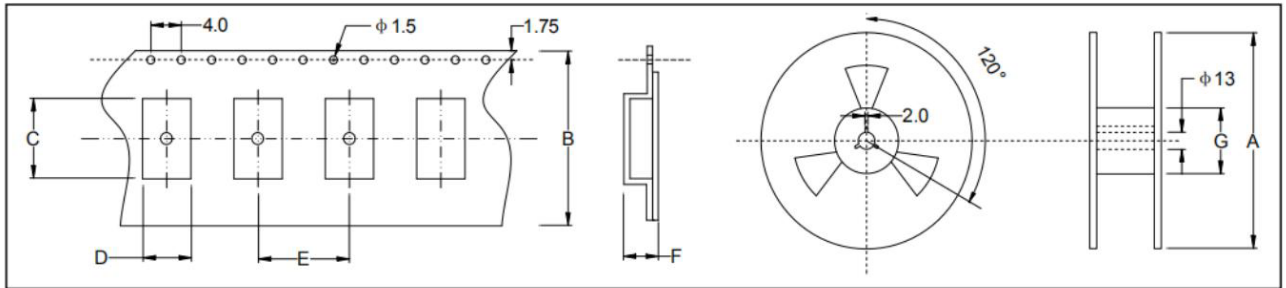
■ Land pattern (unit: mm)



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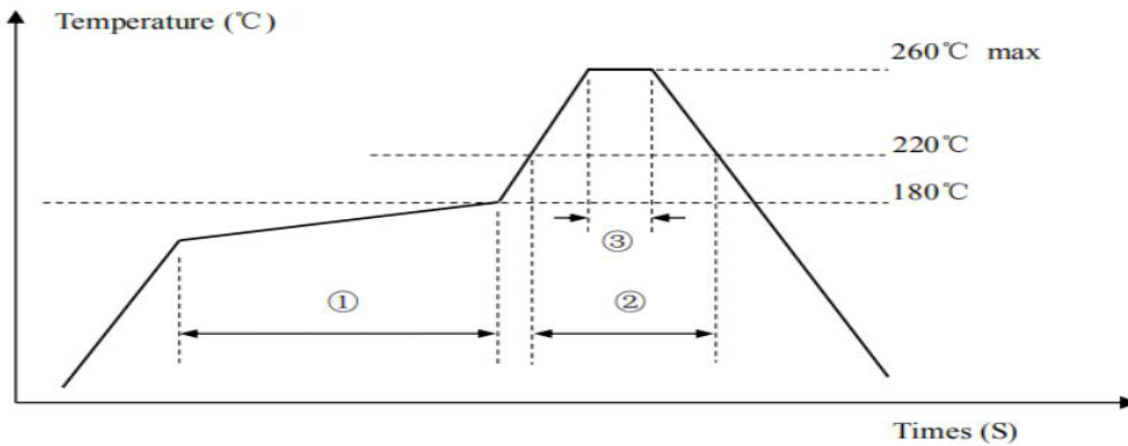
Tuning Fork 3.2×1.5×0.9mm

Taping Specification(Unit: mm)



	A	B	C	D	E	F	G
SMD3.2×1.5	180	12	3.45	1.75	4.0	1.0	60
3000 pcs per reel							

REFLOW SOLDERING PROFILE



Pb free reflow A	①	Preheat	160~180°C	100sec. max
	②	Primary heat	220°C	35sec. max
	③	Peak	260°C	10sec. max