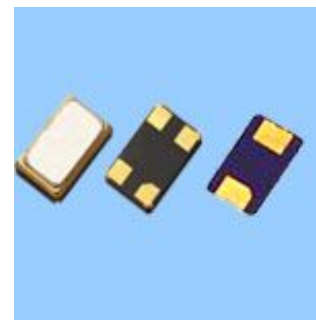


SMD5032

Features

A small surface-mounttype crystal unit, ideal for OA, AV and Accessories for a car, which need performance for wide temperature range.

- Compact and thin. (5×3.2×1.1mm typ.)
- Excellent electrical performance, ideal for OA and AV applications.
- Excellent environmental performance, including heat and shock resistance.
- Meets the requirements for re-flow profiling using lead-free solder.



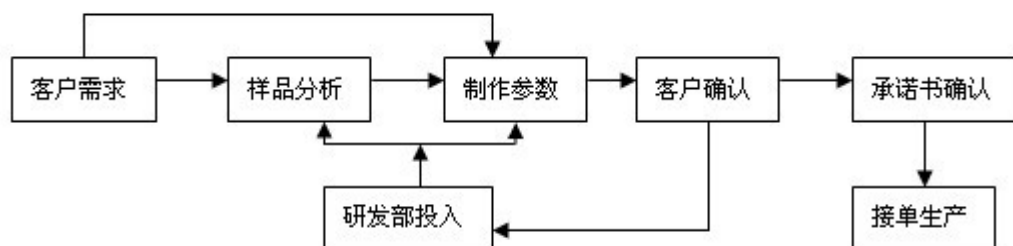
Specifications

项目Item	技术Specifications
频率范围Freq. Range	27.000MHz
调整频差Freq. Tol.	±10PPm to ±100PPm
负载电容Load Capacitance	Suggested by customer
Series Resistance	As ESR table
Storage Temperature	±10PPm to ±100PPm
工作温度Operaing Temp	-10℃ to 60℃ to -40℃ to 85℃
储存温度Storage Temp	-40℃ to 85℃ to -55℃ to 125℃
最大值Max, drive level	1000 μW
激励功率, drive level	100 μW Typical
静电容 Shunt Capacitance	7pF Max
绝缘电阻 Insulation Resistance	500mΩ Min at D.C 100v
老化率Aging	±5PPm/Year Max

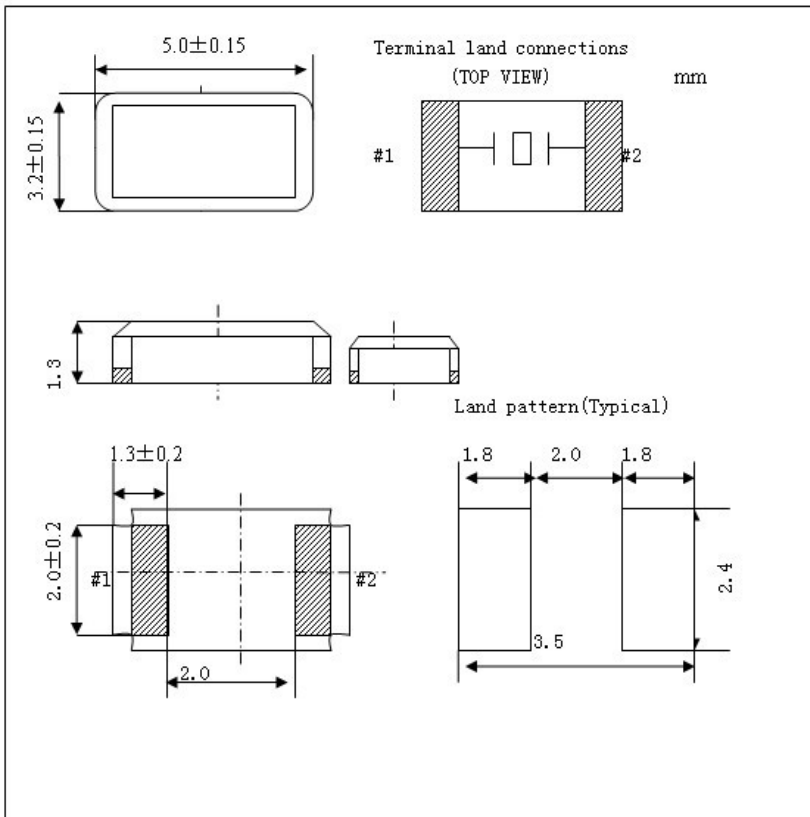
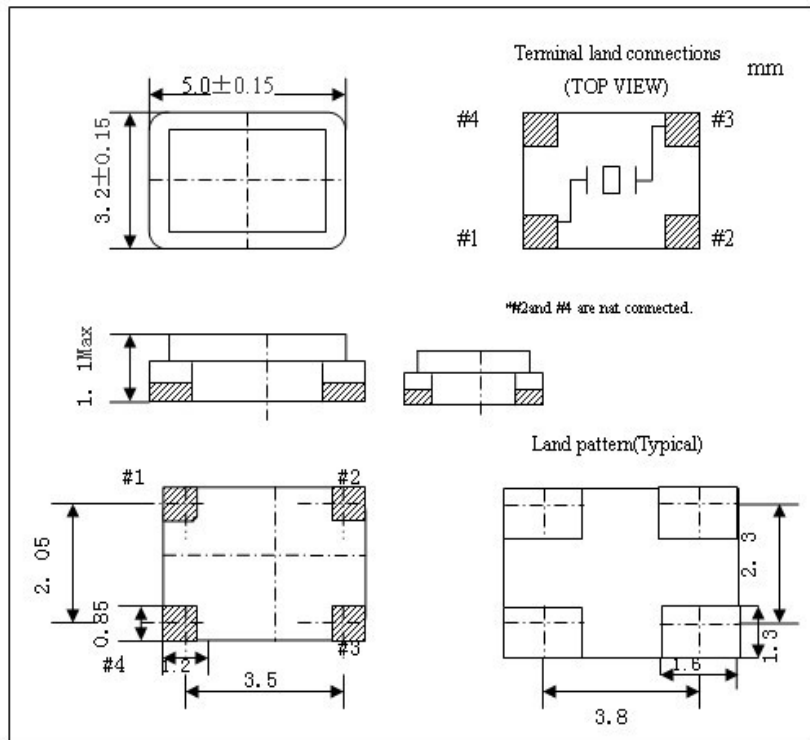
ESR (Series Resistance) 等效阻抗和振荡模式

Frequency (MHz)	Mode	Ohm Max		Frequency (MHz)	Mode	Ohm Max
8~10	Fundamental	100		20~24	Fundamental	40
10~12	Fundamental	80		24~50	Fundamental	30
12~16	Fundamental	60		50~150	Third Overtone	80
16~20	Fundamental	50				

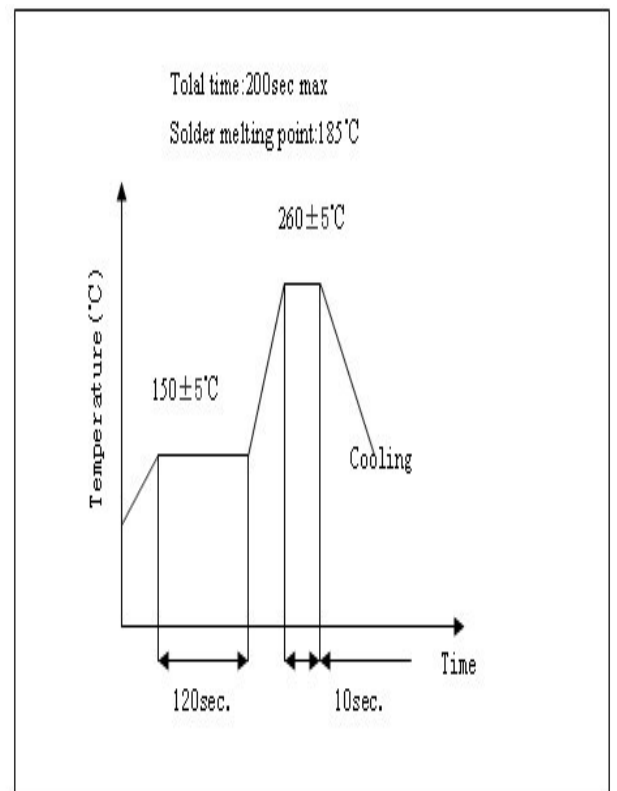
Ordering Information



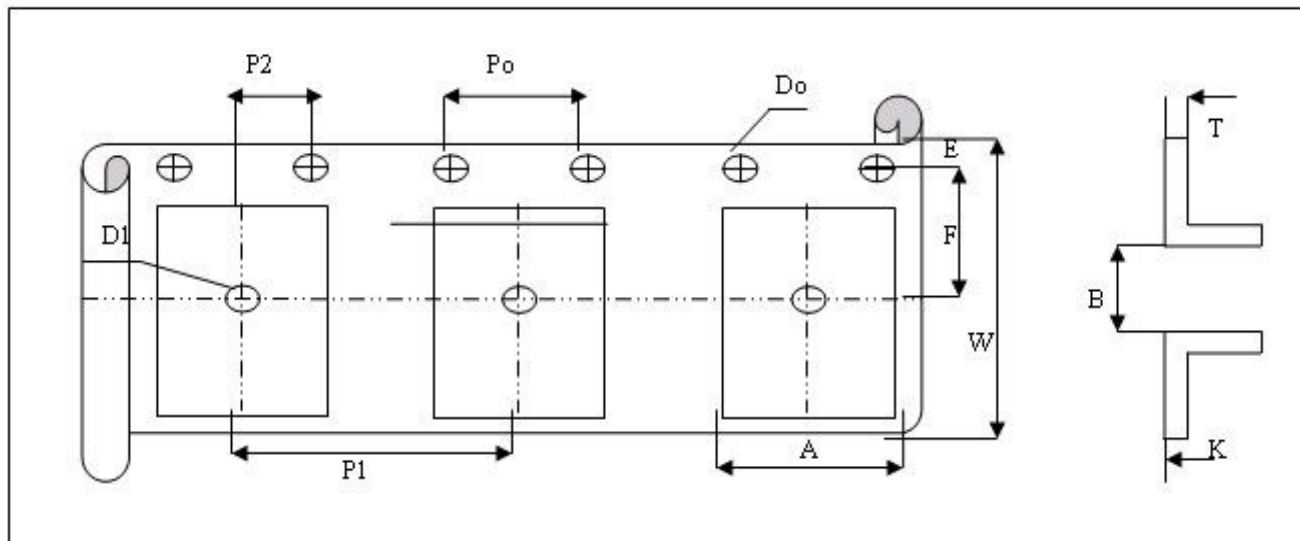
■ Dimensions



■ Reflow Condition

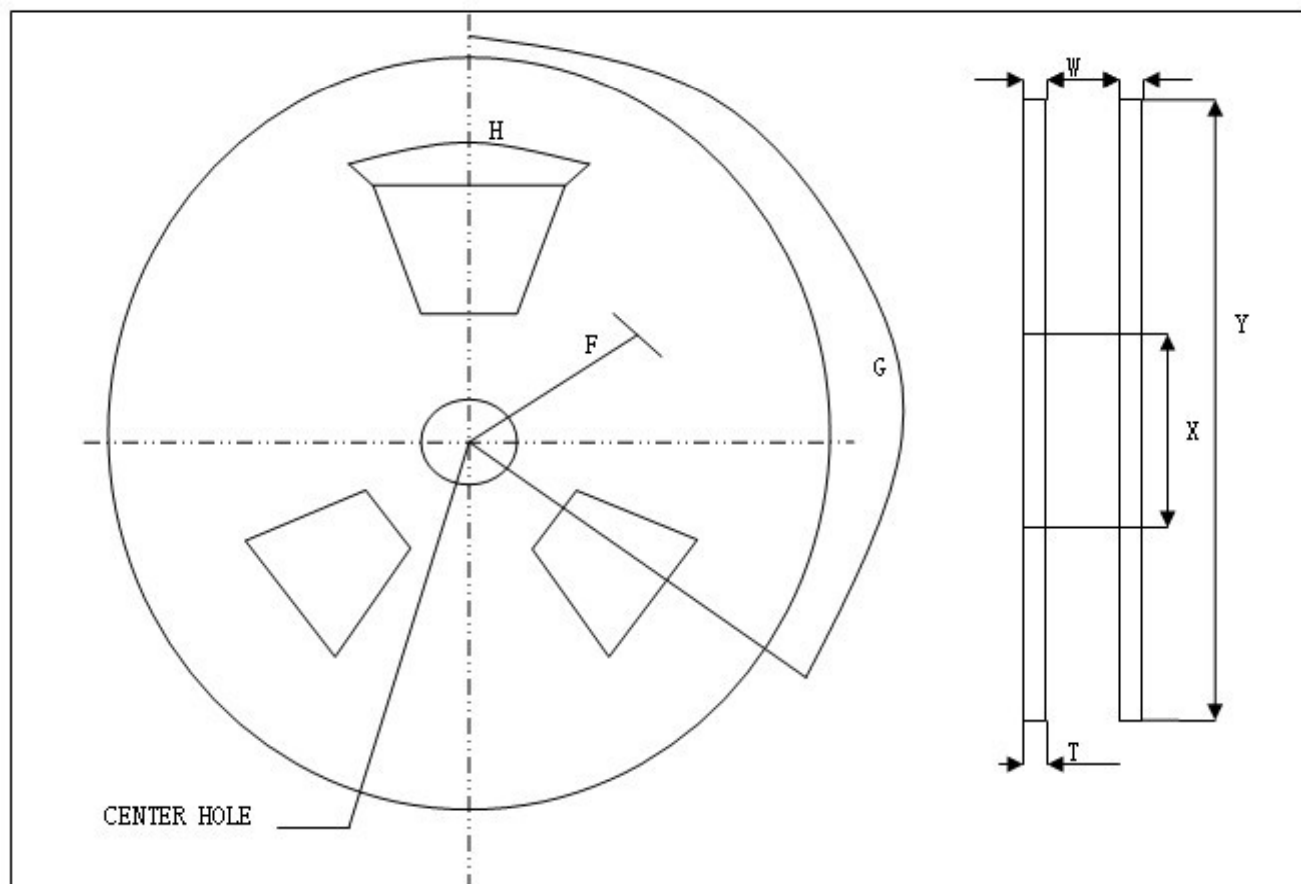


■ Taping Specification



Symbol		A	B	Do	D1	E	F
DIMENSION	5*3.24P	3.5	5.5	1.5	1.5	1.75	5.5
Symbol		K	Po	P1	P2	T	W
DIMENSION	5*3.24p	1.1	4	8	2	0.25	12

Unit:mm



Symbol		H	F	G	W	T	X	Y
Dimension	5*3.24P	40°	21±0.8	120	17.5	2	50	250