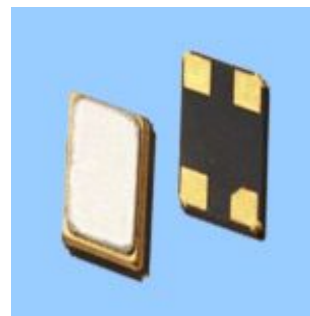


SMD32254P

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. (3.2×2.5×0.7mm 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.



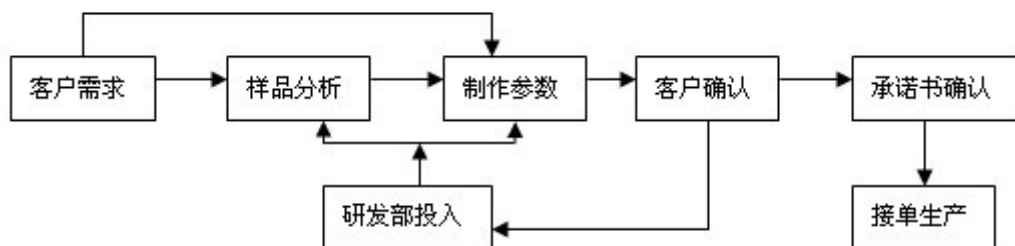
Specifications

项目Item	技术Specifications
频率范围Freq. Range	40.000MHZ
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 μ W
建议使用Rec, drive level	10 μ W 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

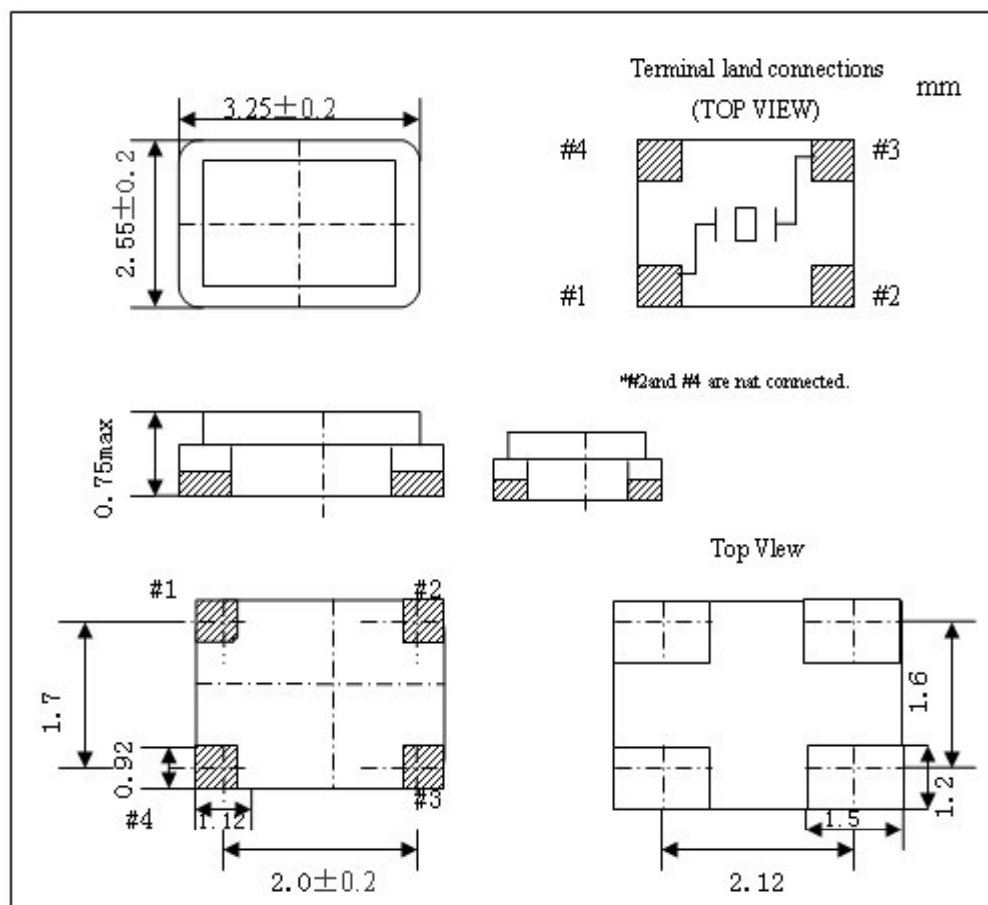
ESR (Series Resistance)

Frequency (MHz)	Mode	Ohm Max
12.000~16.000MHZ	Fundamental	100
16.000~20.000MHZ	Fundamental	80
20.000~24.000MHZ	Fundamental	60
24.000~50.000MHZ	Fundamental	40

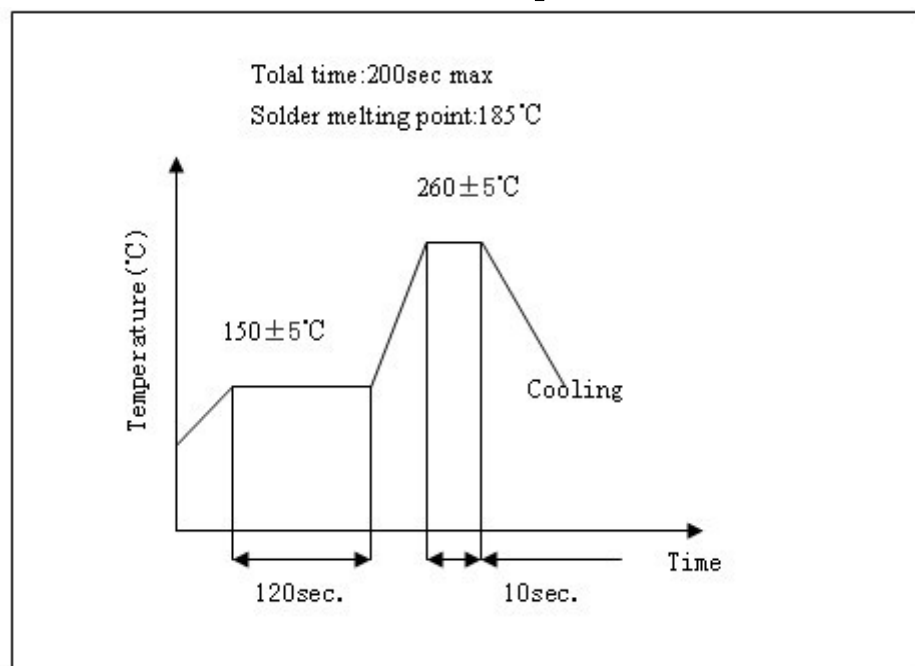
Ordering Information



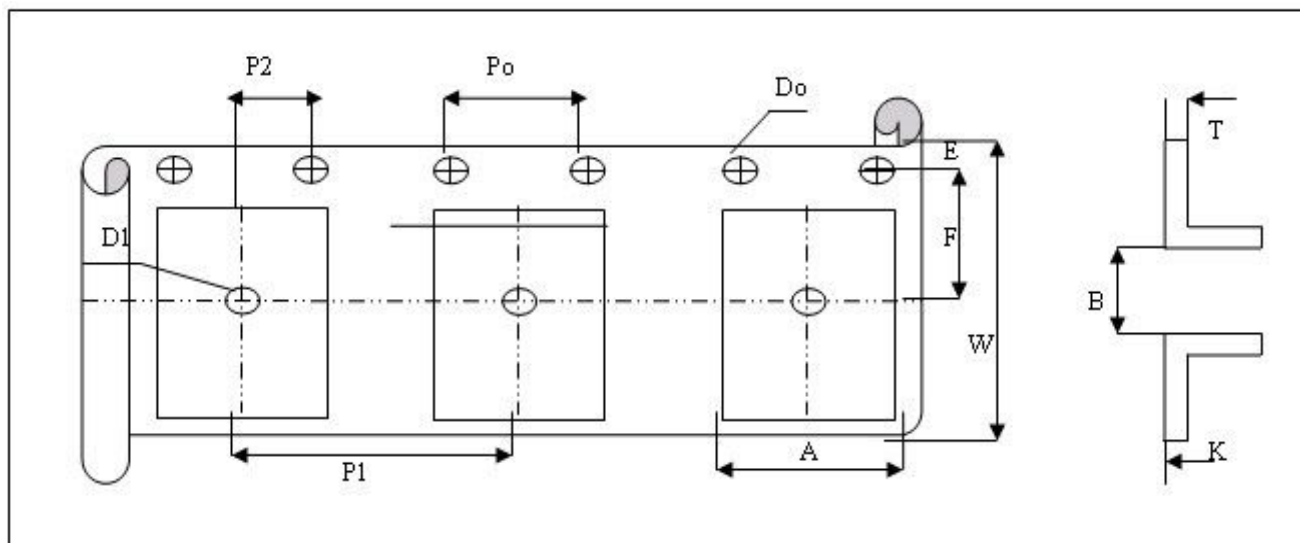
■ Dimensions



■ Reflow Condition(example)

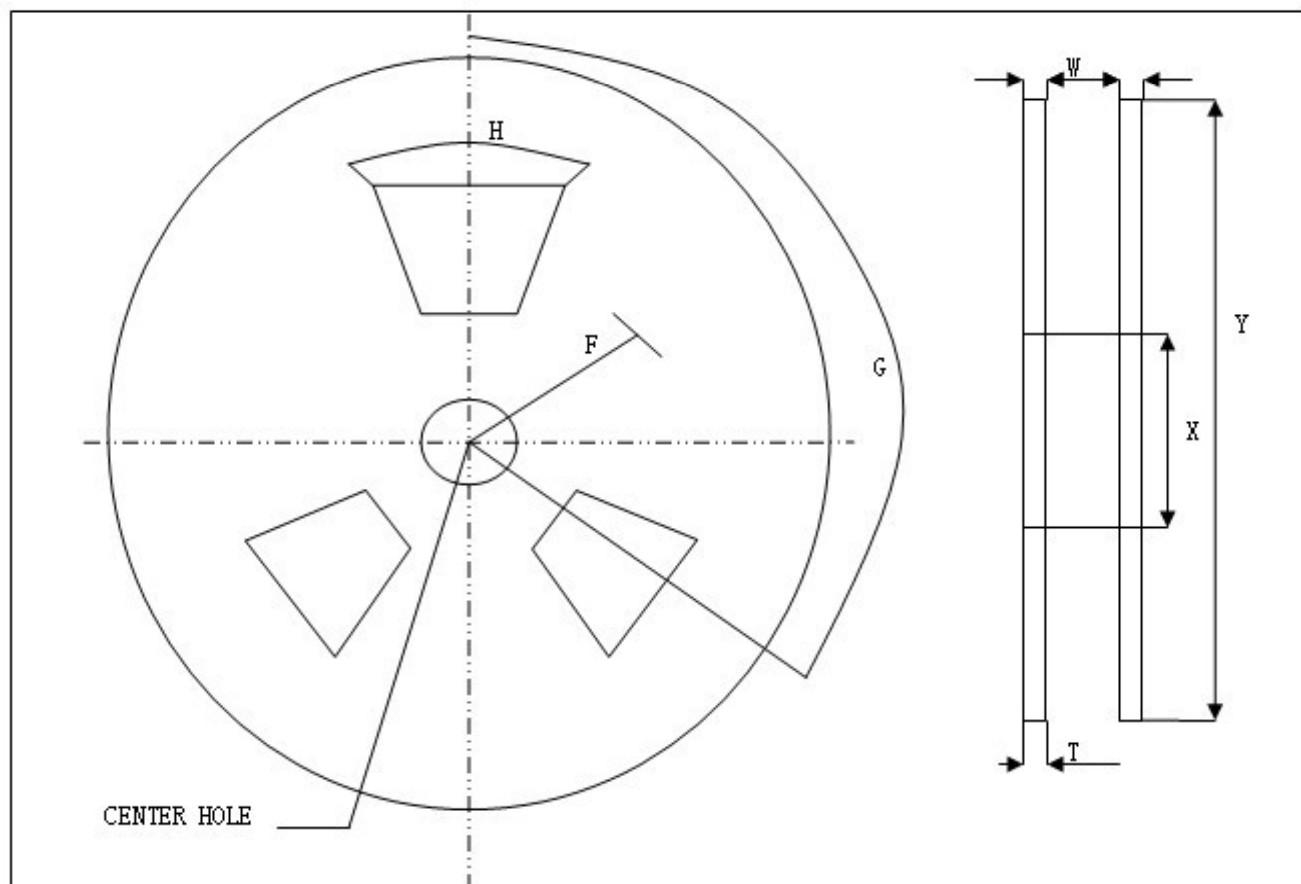


■Taping Specification



Symbol		A	B	Do	D1	E	F
DIMENSION	3. 2*2. 5	2. 8	3. 5	1. 5	1	1. 75	3. 5
Symbol		K	Po	P1	P2	T	W
DIMENSION	3. 2*2. 5	1	4	8	2	0. 25	8

Unit:mm



Symbol		H	F	G	W	T	X	Y
Dimension	3.2*2.5	40°	21±0.8	120	17.5	2	50	250