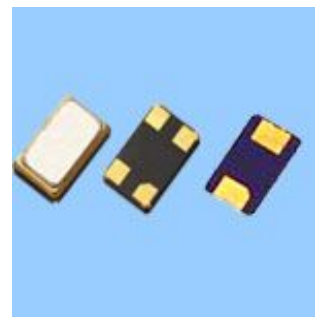


SMD7050

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. (7×5×1.3mm 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.



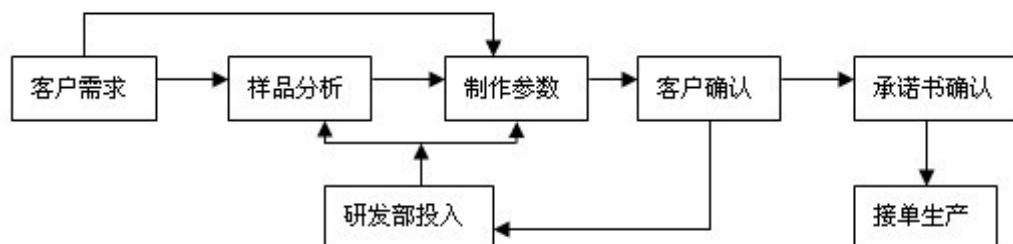
Specifications

项目Item	技术Specifications
频率范围Freq. Range	5.500MHZ~150MHZ
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
建议使用Rec, drive level	100 μW
静电容 Shunt Capacitance	7pF Max
绝缘电阻 Insulation Resistance	500mΩ Min
老化率Aging	±5PPm/Year Max

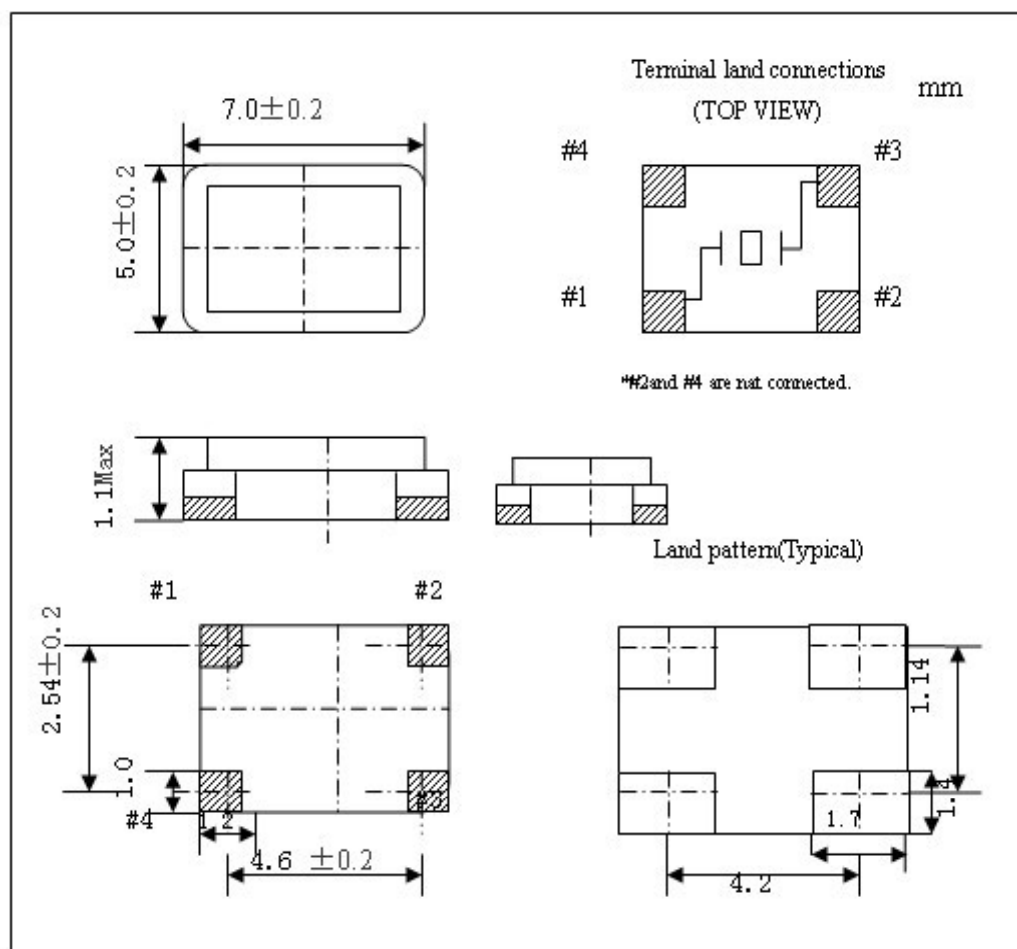
ESR (Series Resistance)

Frequency (MHz)	Mode	Ohm Max	Frequency (MHz)	Mode	Ohm Max
5.5~8	Fund. AT	100	14~20	Fund. AT	40
8~10	Fund. AT	60	20~40	Fund. AT	30
35~150	Third Overtone	80			

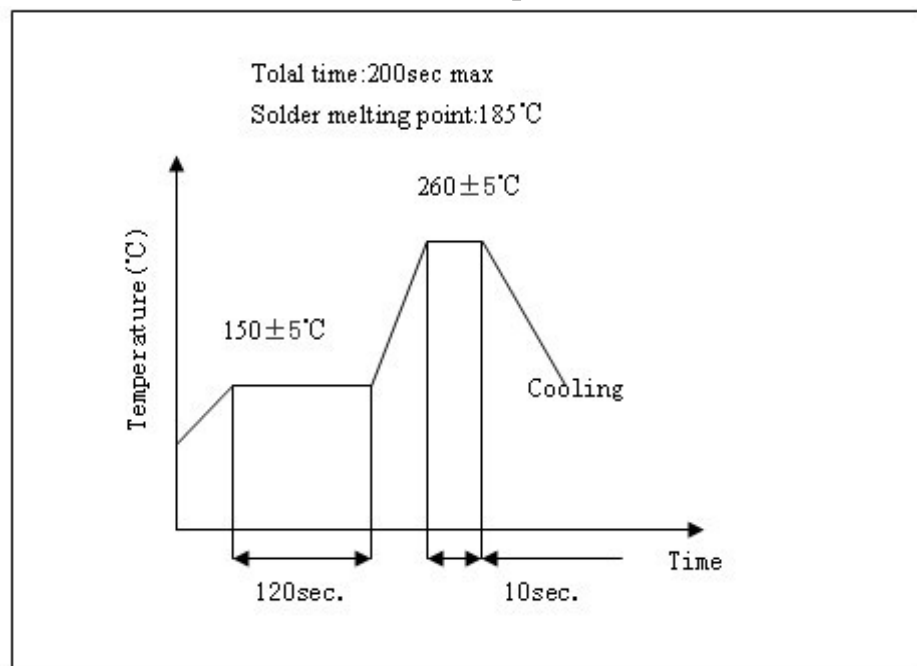
Ordering Information



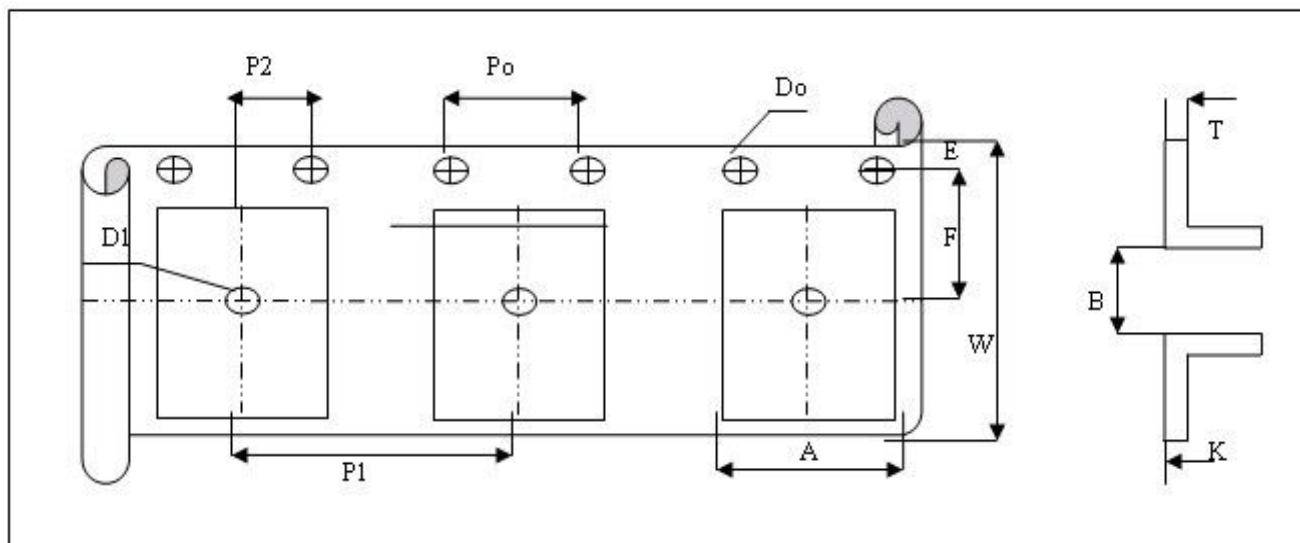
■ Dimensions



■ Reflow Condition (example)

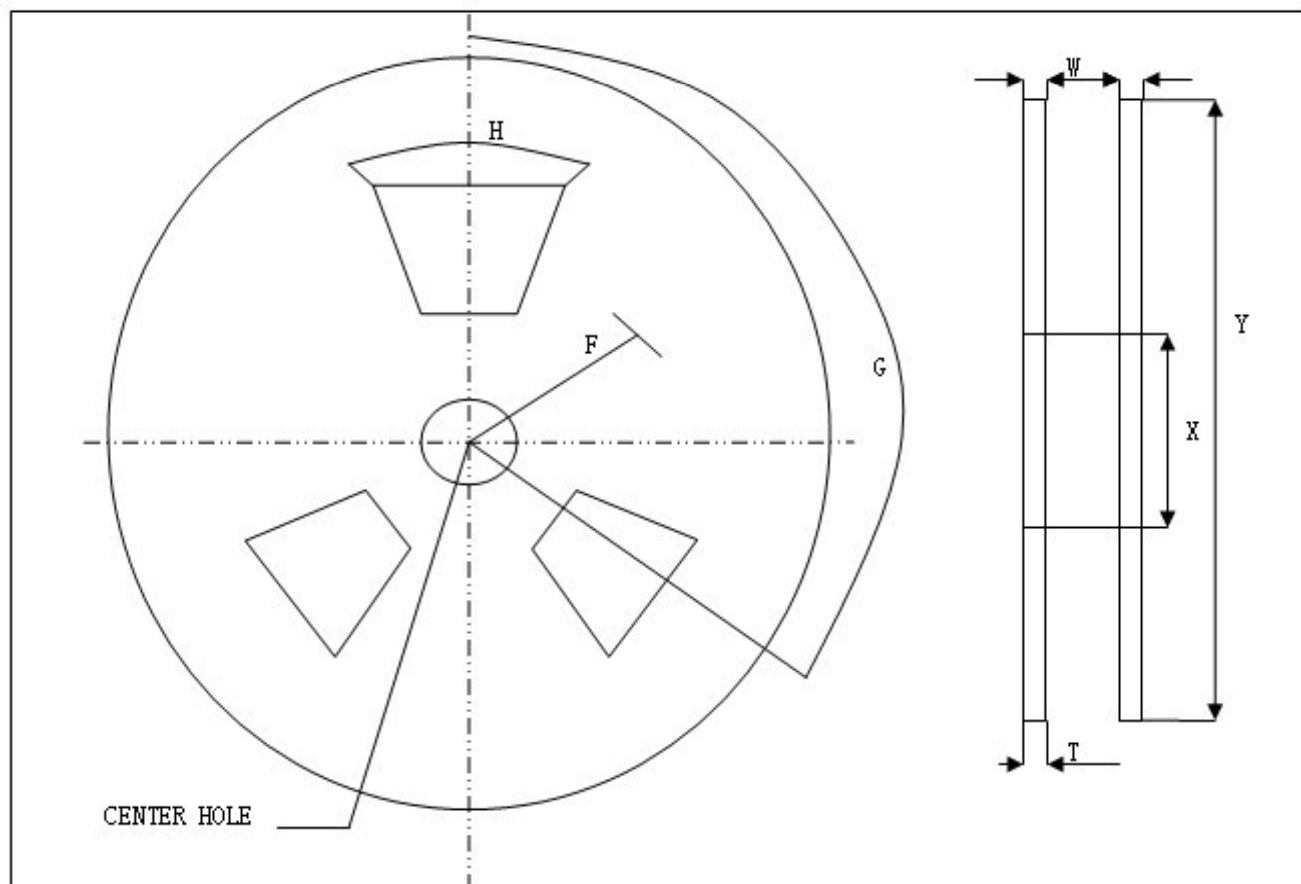


■Taping Specification



Symbol		A	B	Do	D1	E	F
DIMENSION	7*54P	5	7.9	1.5	2.2	1.75	7.5
Symbol		K	Po	P1	P2	T	W
DIMENSION	7*54P	1.75	4	8	2	1.5	16

Unit:mm



Symbol		H	F	G	W	T	X	Y
Dimension	7*54P	40°	21±0.8	120	17.5	2	50	250