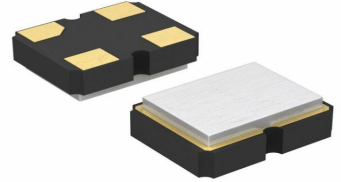


SMD40254P

■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. (4×2.5×0.6mm 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	备注Remarks
频率范围Freq. Range	10.000MHz to 66.000MHz	Fund. ;AT-Cut
调整频差Freq. Tol.	±20PPm(Standard) at 25℃±3℃	Others are offered
负载电容Load Capacitance	Fund. :9pF to16pf	明确注释please specify
Series Resistance	As ESR table	
Storage Temperature	±20PPm(Standard)	可依实际而定Others are offered
工作温度Operaing Temp	-20℃ to 70℃(Standard)	可依实际而定Others are offered
储存温度Storage Temp	-55℃ to 125℃	
最大值Max, drive level	1000 μ W	
建议使用Rec, drive level	100 μ W	
静电容 Shunt Capacitance	7pF Max	
绝缘电阻 Insulation Resistance	500m Ω Min	Minimum
老化率Aging	±2PPm/Year Max	Maximum

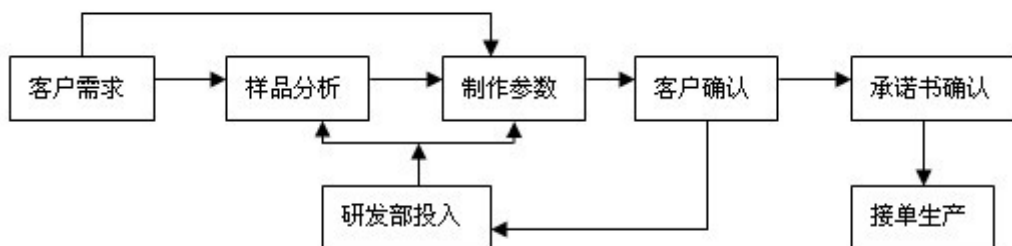
■ESR (Series Resistance)

Frequency (MHz)	Mode	Ohm Max		Frequency (MHz)	Mode	Ohm Max
10.000~15.999	Fund. AT	70				
16~66	Fund. AT	50				

■Stability vs. Temperature

★Standard		1	2	3	5	6	7	Remarks
☆Please specify		±10ppm	±20ppm	±30ppm	±	±100ppm	±150ppm	
B	-10℃ to +60℃	☆				☆		
C	-20℃ to +70℃	☆	★	☆	☆	☆	☆	Standard
D	-40℃ to +85℃		☆	☆	★	☆	☆	

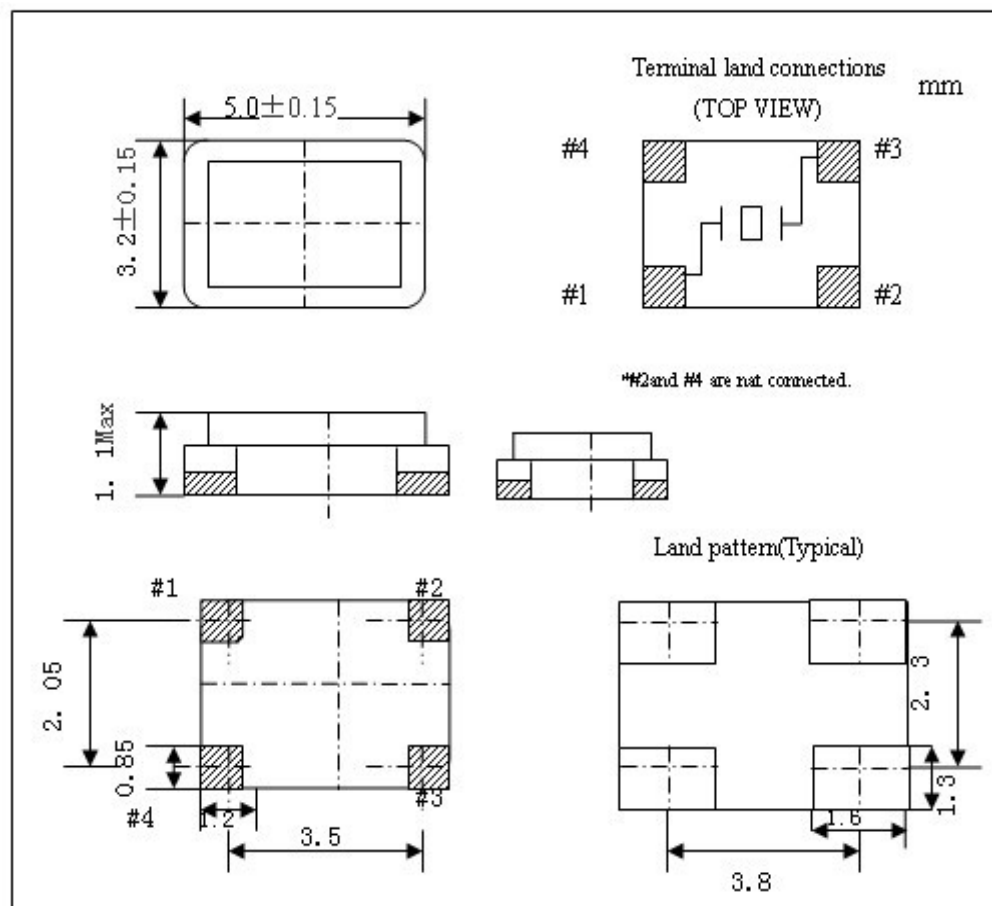
■Ordering Information



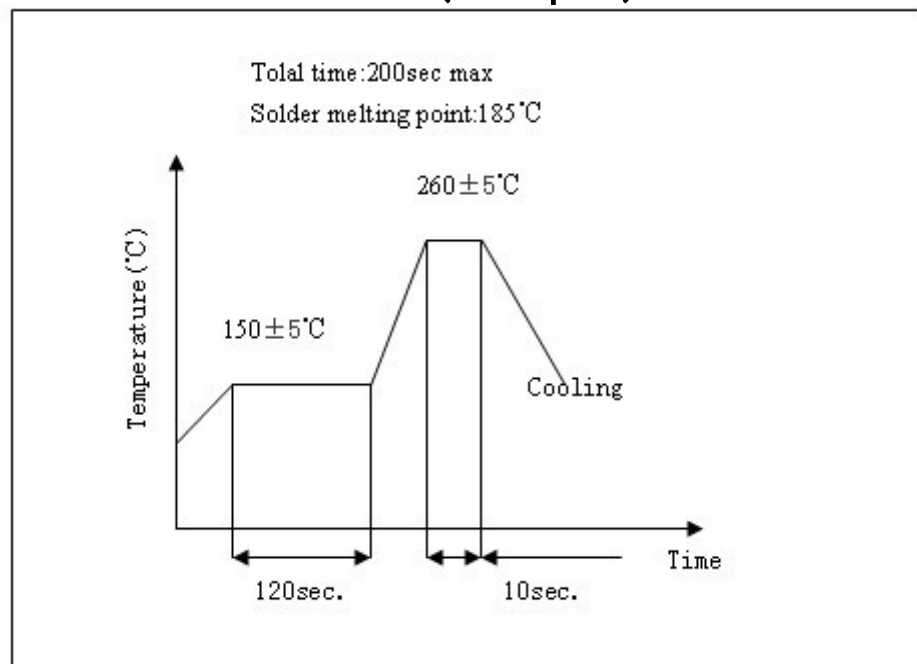
Load Capacitance Codes

7pF: E	8pF: F	9pF: B	10pF: R
12pF: T	15pF: H	16pF: I	18pF: J
20pF: K	22pF: L	25pF: G	27pF: M
30pF: N	32pF: P	33pF: W	Series: S

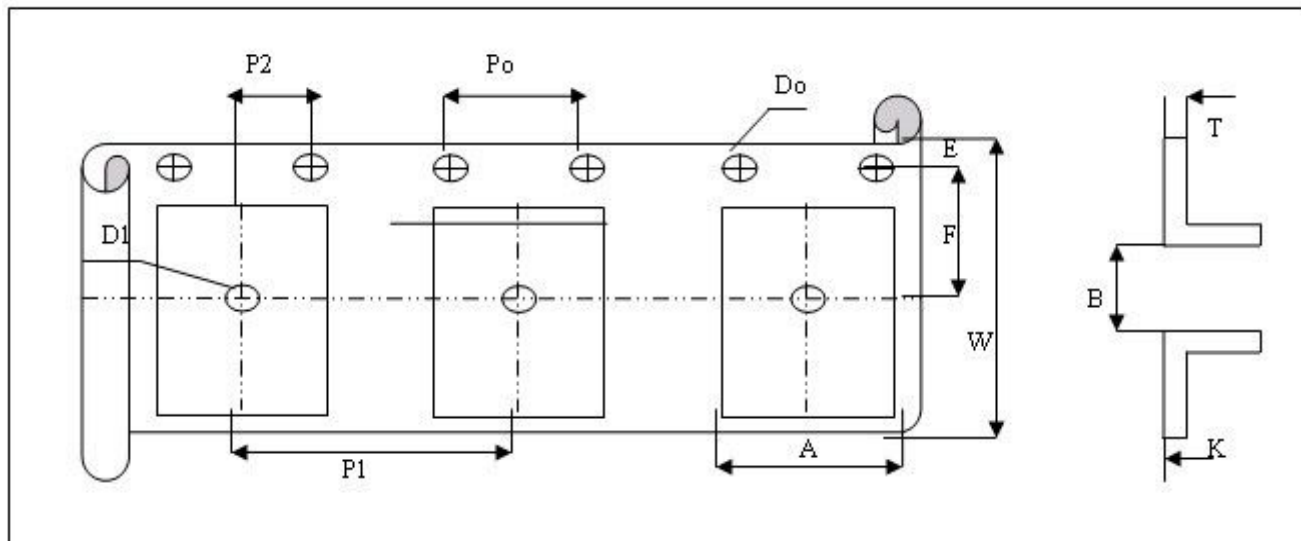
Dimensions



Reflow Condition (example)

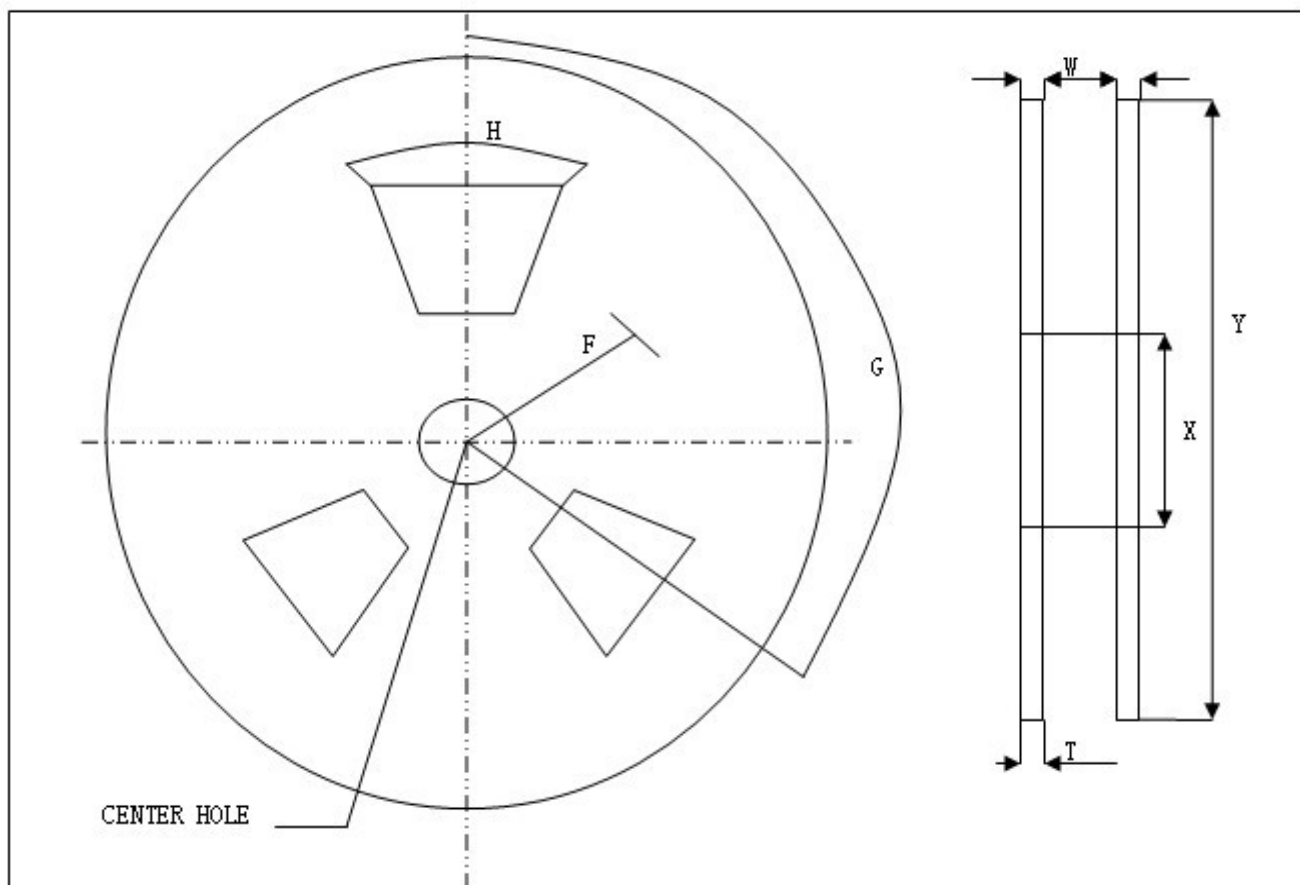


■ Taping Specification



Symbol		A	B	Do	D1	E	F
DIMENSION	4*2.5	2.9	4.4	1.5	1.5	1.75	5.5
Symbol		K	Po	P1	P2	T	W
DIMENSION	4*2.5	1	4	4	2	0.3	12

Unit:mm



Symbol		H	F	G	W	T	X	Y
Dimension	4*2.5	40°	21±0.8	120	17.5	2	50	250