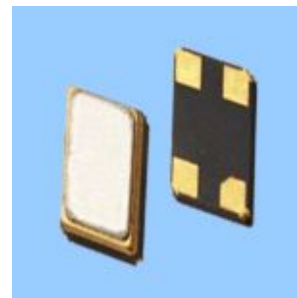


SMD6035-27MHZ-4P

Features

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

- Compact and thin. (6×3.5×1.1mm 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	备注Remarks
频率范围Freq. Range	27.000MHZ	
调整频差Freq. Tol.	±10PPm TO ±50PPm	Others are offered
负载电容Load Capacitance	Fund. :10pF to ∞ 5pf to ∞	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 μW	
建议使用Rec, drive level	10 μW to 100 μW	
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

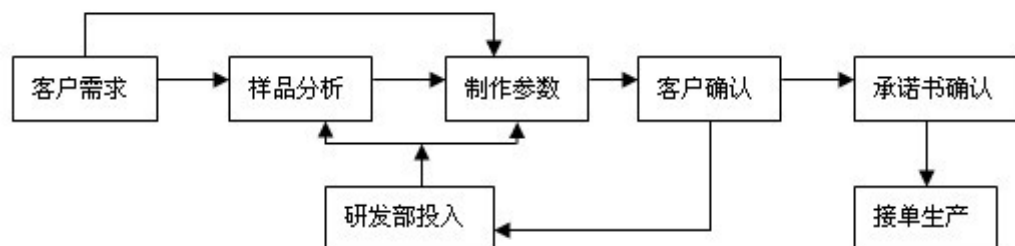
ESR (Series Resistance)

Frequency (MHz)	Mode	Ohm Max	Frequency (MHz)	Mode	Ohm Max
8~16	Fund. AT	80	40~80	3 rd O. T. ;AT	80
16~52	Fund. AT	50	80~133	3 rd O. T. ;AT	70

Stability vs. Temperature

★Standard	1	2	3	5	6	7	Remarks
☆Please specify	±10ppm	±20ppm	±30ppm	±50ppm	±100ppm	±150ppm	
B -10℃ to +60℃	☆				☆		
C -20℃ to +70℃	☆	★	☆	☆	☆	☆	Standard
D -40℃ to +85℃		☆	☆	★	☆	☆	

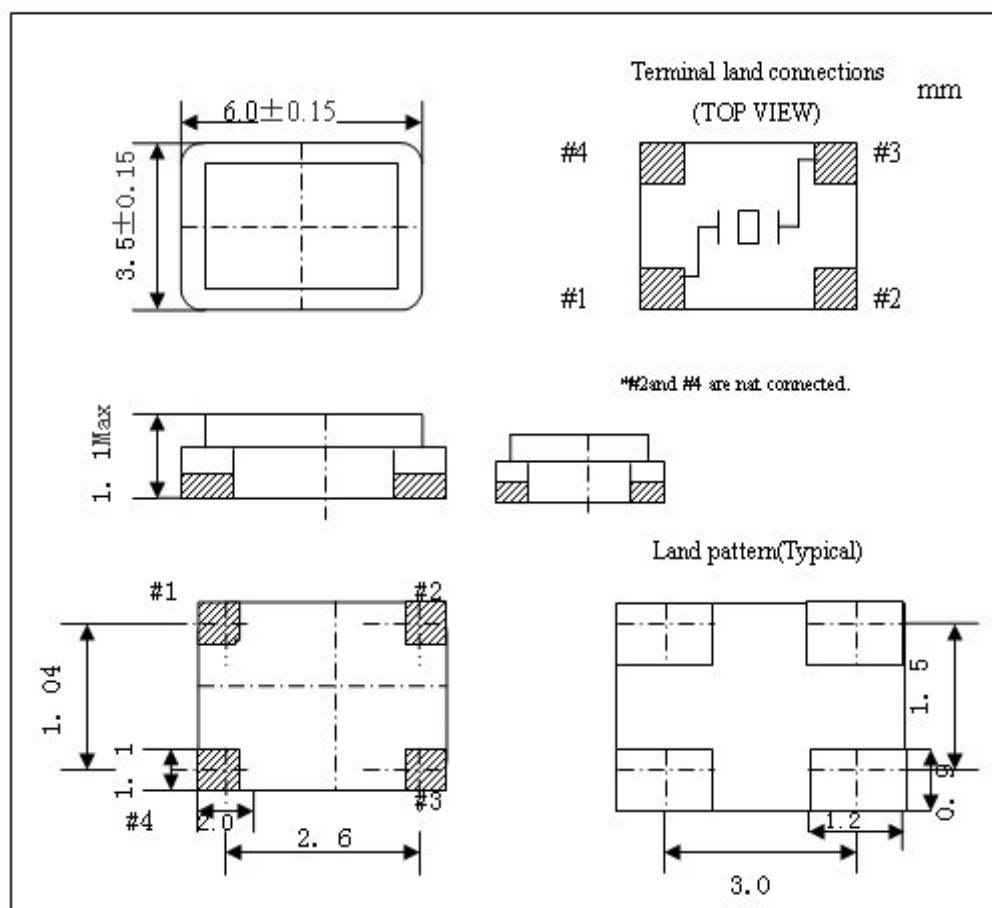
Ordering Information



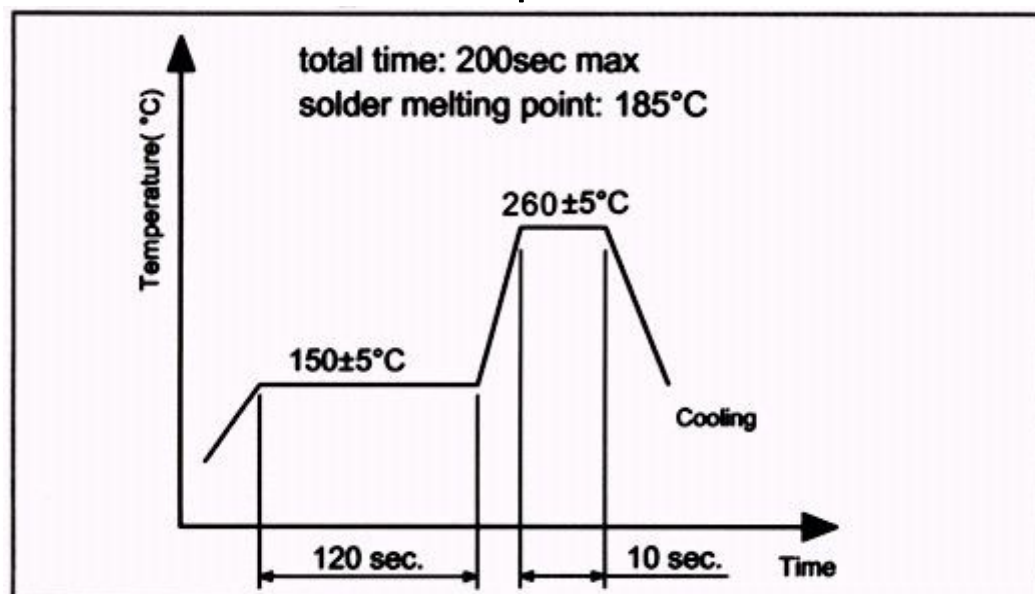
Load Capacitance Codes

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

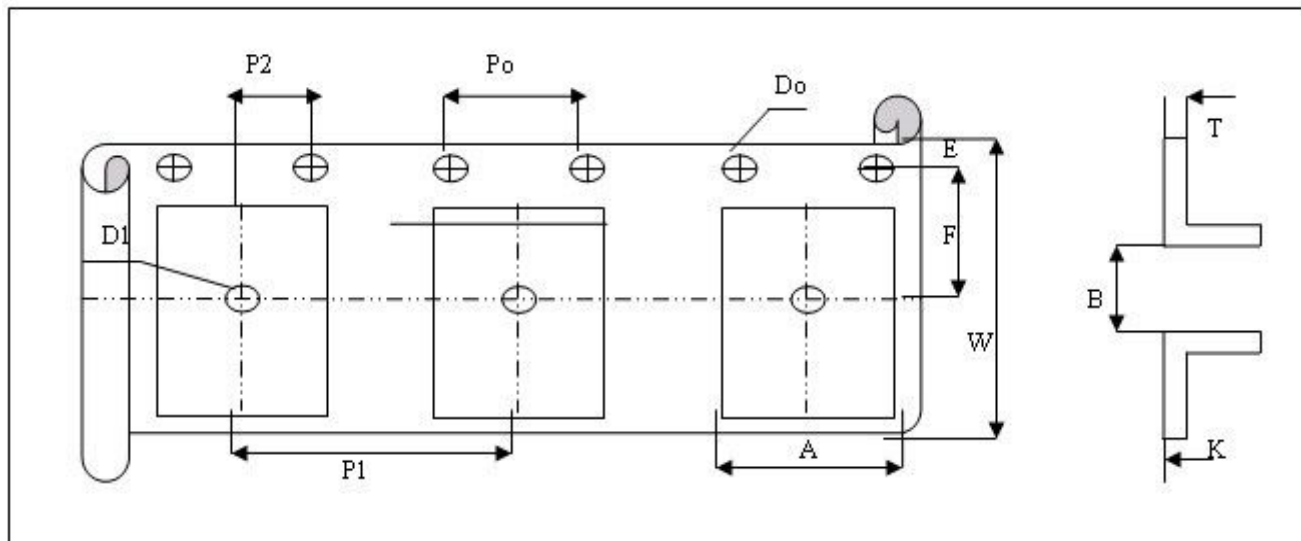
Dimensions



Reflow Condition (example)

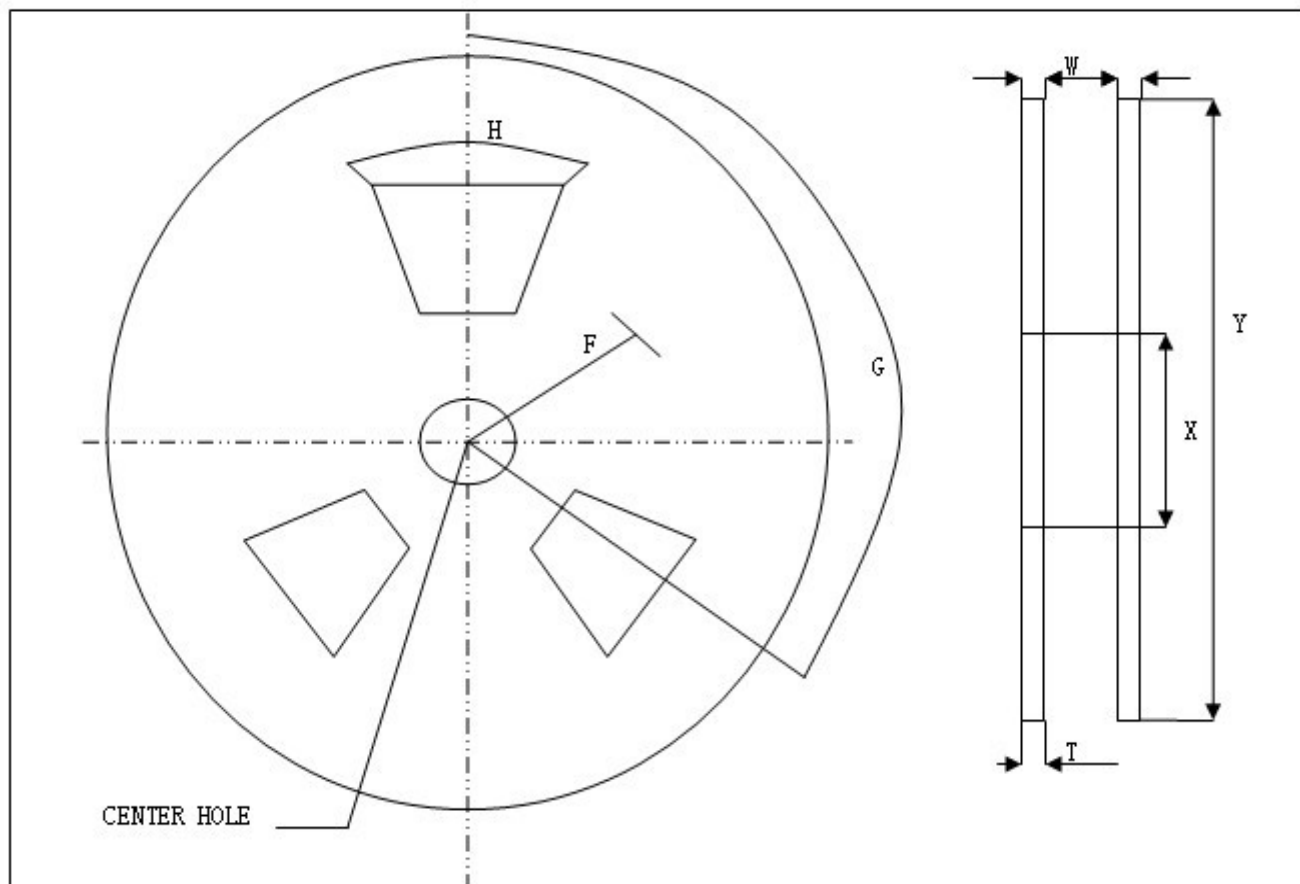


■ Taping Specification



Symbol	A	B	Do	D1	E	F
DIMENSION 6*354P	3.5	6.5	1.5	2.2	1.75	5.5
Symbol	K	Po	P1	P2	T	W
DIMENSION 6*3.54p	1	4	4	2	0.3	12

Unit:mm



Symbol	H	F	G	W	T	X	Y
Dimension 6*354P	40°	21±0.8	120	17.5	2	50	250