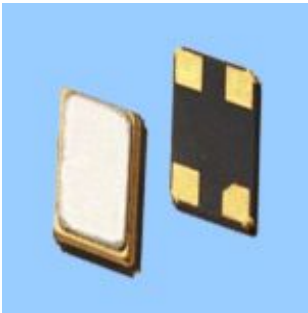


## SMD32254P

### Features

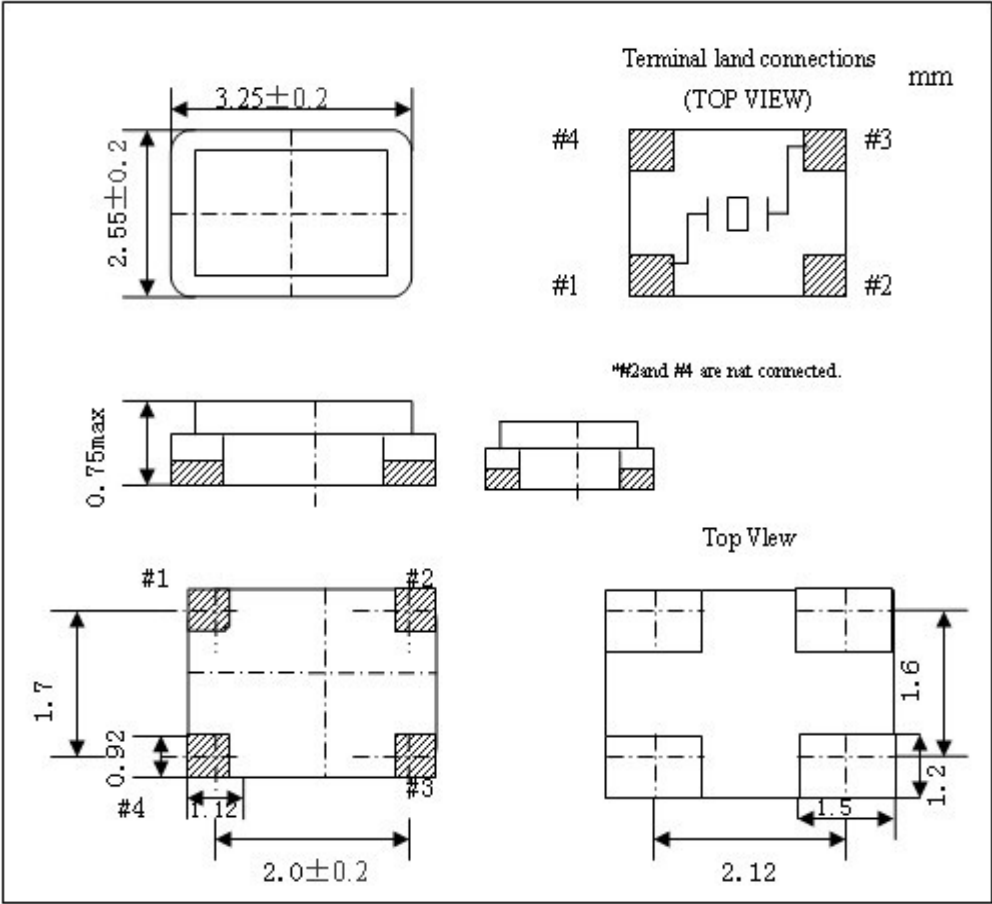
- A small surface-mounttype crystal unit,ideal for OA,AV and Accessories for a car,which need performance for wide temperature range.
- Compact and thin. (3.2×2.5×0.7mm typ.)
  - Excellent electrical performance,ideal for OA and AV applications.
  - Excellent environmental performance,including heat and shock resistance.
  - Meets the requirements for re-flow profiling using lead-free solder.



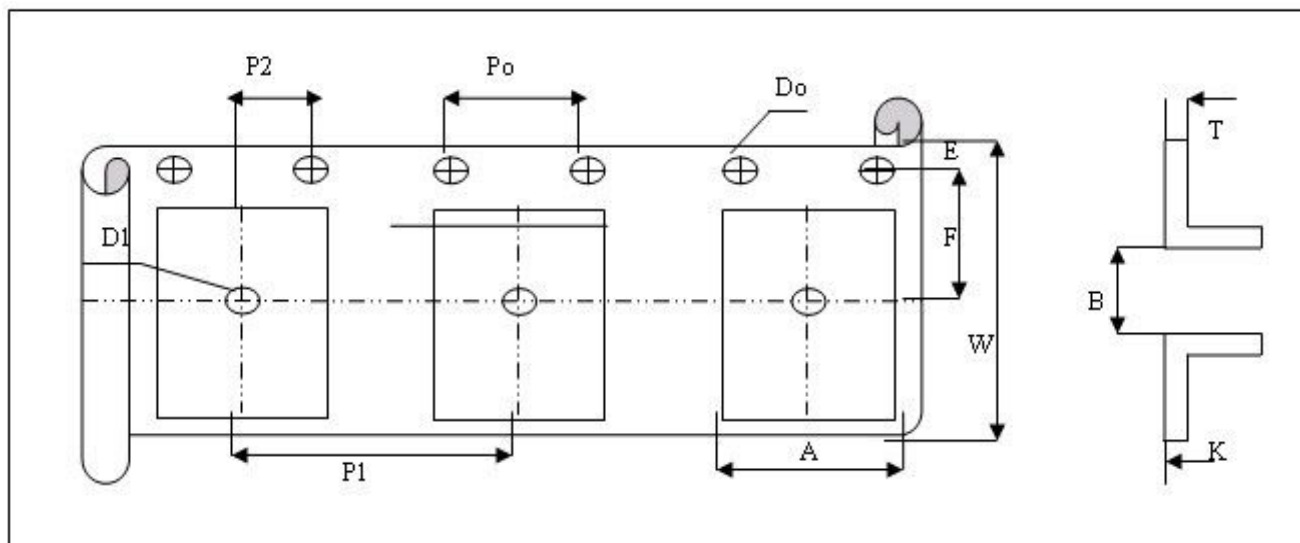
### Specifications

| 项目Item                     | 技术Specifications        | 备注Remarks                |
|----------------------------|-------------------------|--------------------------|
| 频率范围Freq. Range            | 52.000mhz               | Fund. ;AT-Cut            |
| 调整频差Freq. Tol.             | ±10PPm~                 | Others are offered25℃±3℃ |
| 负载电容Load Capacitance       | Fund. :7pF~             | 明确注释please specify       |
| Series Resistance          | As ESR table            |                          |
| Storage Temperature        | ±10PPm~                 | 可依实际而定Others are offered |
| 工作温度Operaing Temp          | -20℃ to 70℃ -40℃ to 85℃ | 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      | 5pF Max                 |                          |
| 绝缘电阻 Insulation Resistance | 500m Ω Min              | Minimum                  |
| 老化率Aging                   | ±2PPm/Year Max          | Maximum                  |

### Dimensions

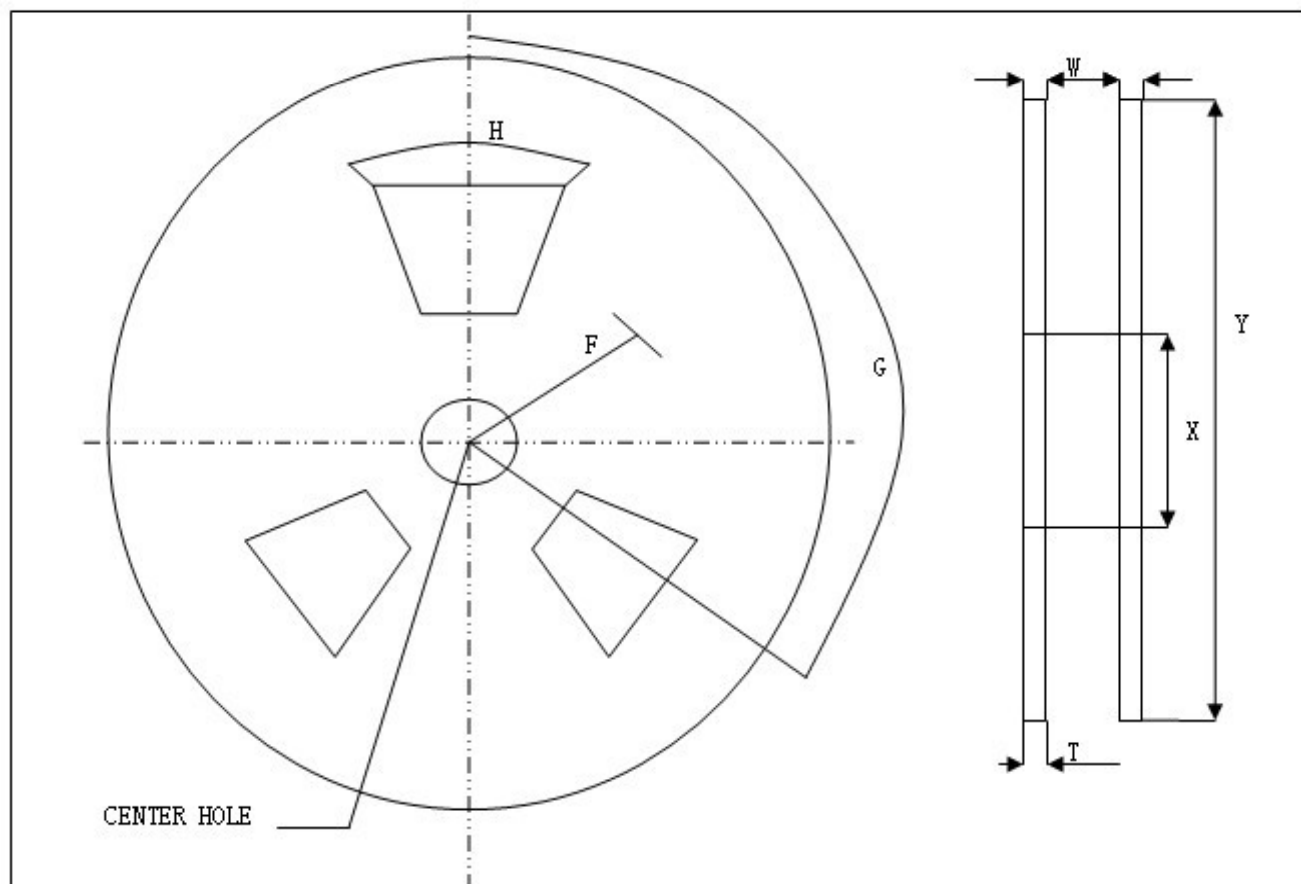


## ■Taping Specification



| 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 |