

32.768K表晶JU308

Features

- 32.768K表晶JU206是圆柱形高可靠性晶振;
- Compact and thin. (3.0*8.0mm typ.)
- 满足无铅焊接的回流温度曲线要求;
- 广泛使用于消费类电子产品晶振;
- 采用密封袋包装。



Specifications

| 项目Item | 技术Specifications | | | | 备注Remarks |
|----------------------------|--------------------------------|-------------|------------|----------|--------------------------------------|
| 系列SERRES | JU-3*8 | JU-2*6 | JU-2*6/SMD | JU-1.4*5 | |
| 频率范围Freq. Range | 32.786KHz | | | | standard |
| 频率偏差Frdq. Tcl. Ta±25℃±30 | 16.000KHz to 200KHz | | | | available |
| TUM OVER TEMPERATURE | ±10PPm~±50PPm | | | | standard |
| 温度系数Temp coefficient | 25℃±2℃ | | | | |
| 负载电容Load Capacitance | -0.034±0.006PPm/℃ ² | | | | Maximum |
| 工作温度Operaing Temp | 12.5pf | | | | available from 6.0pf to 36pf |
| 储存温度Storage Temp | -20℃ to 70℃ | -40℃ to 85℃ | | | Standard |
| 激励电平Motivation Level | -40℃ to 85℃ | | | | -55℃ to 125℃ |
| 串联电阻Series resistance | 1.0μW | | | | |
| 动态电容Motional capacitance | 30KΩ | 35KΩ | 40KΩ | | 32.768KHz.other please see ESR table |
| 静态电容 Shunt Capacitance | As ESR table | | | | 30KHZ to 170KHZ |
| 绝缘电阻 Insulation Resistance | 3.0fF | | | | standard, typical |
| 老化率Aging | 1.8pF | 1.3pF | 1.5pF | | standard, MAX |
| | 500mΩ Min | | | | dc=100V |
| | ±3PPmMax | | | | standard. Ta=25° ±3°, firsh year |

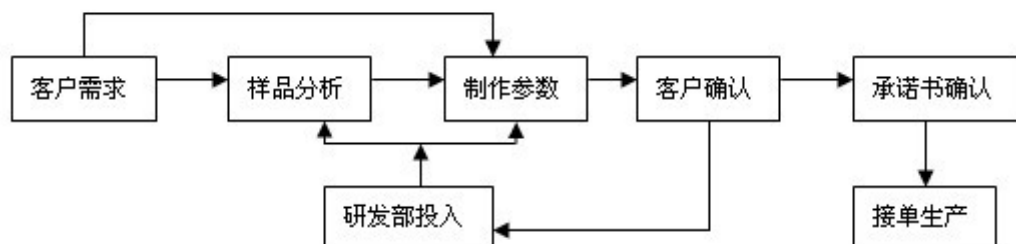
ESR (Series Resistance)

| 频率范围Freq. Range | 谐振电阻Rr (Ω) | 频率范围Freq. Range | 谐振电阻Rr (Ω) |
|-----------------|------------|-----------------|------------|
| 16.000~40.000 | 45KΩ max | 70.000~120.000 | 12KΩ max |
| 40.000~60.000 | 20KΩ max | 120.000~200.000 | 10KΩ max |
| 60.000~70.000 | 15KΩ max | | |

Stability vs. Temperature

| ★Standard | 1 | 2 | 3 | 4 | 5 | 6 | Remarks |
|-----------------|--------|--------|--------|--------|--------|-------|----------|
| ☆Please specify | ±10ppm | ±20ppm | ±30ppm | ±50ppm | ±15ppm | ±5ppm | |
| B -10℃ to +60℃ | ☆ | ☆ | | | ☆ | ☆ | |
| C -20℃ to +70℃ | ☆ | ★ | ☆ | ☆ | ☆ | ☆ | Standard |
| D -40℃ to +85℃ | | ☆ | ☆ | ★ | | | |

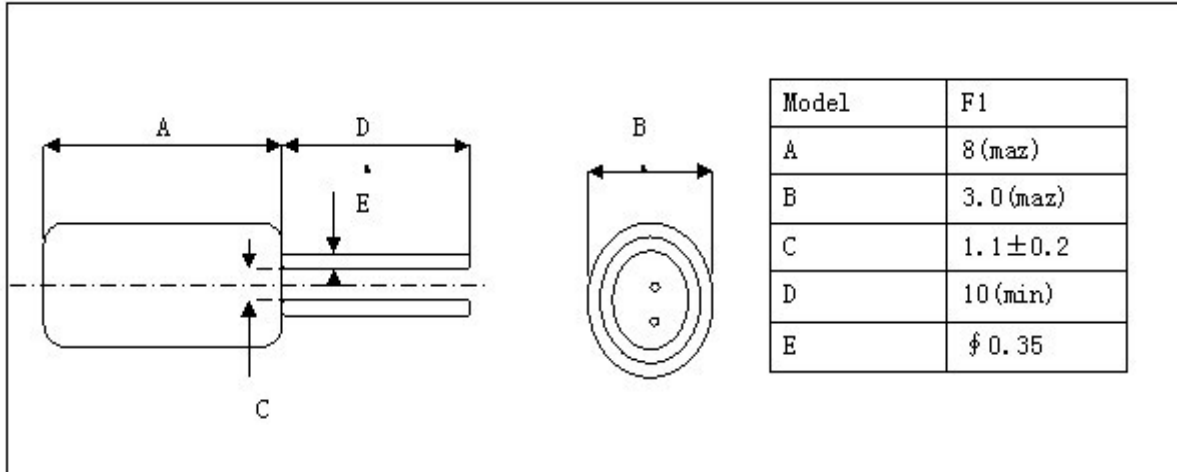
Ordering Information



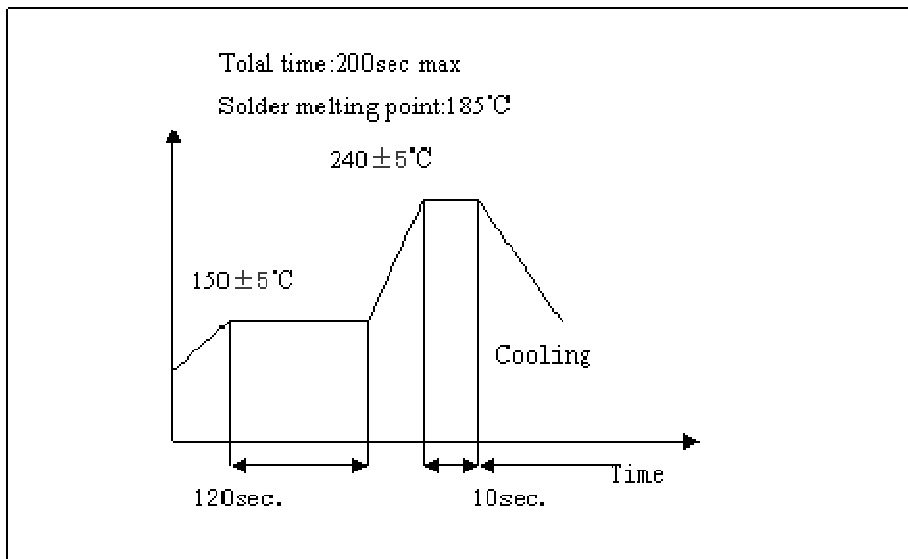
Load Capacitance Codes

| | | | |
|---------|---------|-----------|--------|
| 6pF: A | 7pF: E | 8pF: F | 9pF: B |
| 10pF: R | 12pF: T | 12.5pF: S | |

Dimensions



Reflow Condition (example)



Frequency

