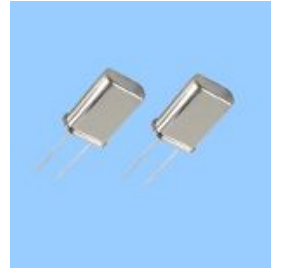


UM-1/UM-5石英晶体谐振器

■ Features

- 属于高精度工业用晶振
- 优越的频率稳定性
- 优越的频率再现性和耐撞击性
- 密封袋包装



■ Specifications

| 项目Item | 技术Specifications | 备注Remarks |
|----------------------------|--|---|
| 频率范围Freq. Range | 6.000MHz to 40.000MHz | 基频模式Fund mode |
| | 30.000MHz to 180.000MHz | 泛音模式Overtone mode |
| 调整频差Freq. Tol. | $\pm 10\text{PPm}$ $\pm 20\text{PPm}$ $\pm 30\text{PPm}$ | 公差Tight Tolerance Available |
| 负载电容Load Capacitance | 5pf to ∞ | 明确注释please specify |
| 温度频差Temp Tol | $\pm 30\text{PPm}$ | 公差Tight Tolerance Available |
| 温度范围Temp Range | 工作温度Operaing Temp | -20°C to 70°C -40°C to 85°C |
| | 储存温度Storage Temp | -55°C to 125°C |
| 激励功率Drive Level | 最大值Max, drive level | 1000 μW |
| | 建议使用Rec, drive | 10 μW to 100 μW |
| 静电容 Shunt Capacitance | 7pF Max | |
| 绝缘电阻 Insulation Resistance | 500m Ω Min | |
| 老化率Aging | $\pm 3\text{PPm}/\text{Year}$ Max | |

■ Resonance Resistance

| 盒型Type | 频率范围Freq. Range | 模式Mode | 谐振电阻 | 盒型Type | 频率范围 | 模式Mode | 谐振电阻 |
|--------|-----------------|--------|------|--------|-----------|--------|------|
| um-1 | 6~16MHz | F | 25 | UM-5 | 11~19MHz | F | 25 |
| um-1 | 16~35MHz | F | 15 | UM-5 | 20~35MHz | F | 15 |
| um-1 | 35~95MHz | 3rd | 30 | UM-5 | 35~95MHz | 3rd | 35 |
| um-1 | 95~150MHz | 5rd | 65 | UM-5 | 95~150MHz | 5rd | 70 |

■ Tolerance over Temperature Range

| 温度范围Temp | $\pm 5\text{PPm}$ | $\pm 10\text{PPm}$ | $\pm 20\text{PPm}$ | $\pm 30\text{PPm}$ | $\pm 50\text{PPm}$ | $\pm 100\text{PPm}$ |
|---|-------------------|--------------------|--------------------|--------------------|--------------------|---------------------|
| $0^{\circ}\text{C} \sim \pm 50^{\circ}\text{C}$ | Δ | Δ | Δ | Δ | Δ | Δ |
| $-10^{\circ}\text{C} \sim \pm 60^{\circ}\text{C}$ | | Δ | Δ | Δ | Δ | Δ |
| $-20^{\circ}\text{C} \sim \pm 70^{\circ}\text{C}$ | | | Δ | Δ | Δ | Δ |

■ Dimensions

