



GENERAL SPECIFICATIONS (电气特性)

| | |
|--|---|
| 1. Series model: (系列号) | HC49S-2DIP |
| 2. Normal Frequency: (标称频率) | 3.579545~39.550MHz |
| 3. Oscillation Mode: (振动模式) | <input checked="" type="checkbox"/> Fundamental <input type="checkbox"/> 3rd |
| 4. Load Capacitance(CL): (负载电容) | 6~44PF |
| 5. Frequency Tolerance 25±3℃: (频率偏差 25±3℃) | ±20PPM |
| 6. Stability Over Temperature Range: (工作温度频率偏差) | ±30 PPM |
| 7. Effective Series Resistance: (等效电阻) | 3.579545~4.9152MHZ ≤ 120 Ω 5~6.7458MHA ≤ 80 Ω 7.2~8.704MHA ≤ 60 Ω 9.216~11.529475MHA ≤ 40 Ω 12~39.550MHA ≤ 30 Ω |
| 8. Shunt Capacitance(C0): (静态电容) | ≤ 5 PF |
| 9. Typical drive level: (激励功率) | 100 uW TYP. |
| 10. Operation Temperature Range: (工作温度范围) | -40℃ to +85℃ |
| 11. Storage Temperature: (存储温度) | -40℃ to +85℃ |
| 12. Insulation Resistance: (绝缘阻抗) | ≥ 500 MΩ at DC 100V |
| 13. Aging: (老化率) | ± 3 PPM/Year |
| 14. Leak (检漏) | 1×10 ⁻⁷ Torr.1/sec Max |
| 15. Test circuit (测试仪器) | S&A 250B Pi-Network Crystal Measurement System |

Remark (备注):

晶振最佳储存条件: 温度: 25±5℃, 湿度: <70%。
密封包装, 切勿挤压。

DIMENSIONS SPECIFICATIONS (外形尺寸)



| 型号 | 外形尺寸 (±0.15mm) | | | | | | |
|---------------|----------------|------|-----|-----|------|-----|------|
| | L1 | L2 | W1 | W2 | W3 | H1 | H2 |
| HC-496-DIP2 | 11.05 | 4.88 | 4.5 | 3.8 | 0.45 | 3.5 | 13.0 |
| HC-496-DIP3 | 11.05 | 4.88 | 4.5 | 3.8 | 0.45 | 3.5 | 13.0 |
| HC-496SS-DIP2 | 11.05 | 4.88 | 4.5 | 3.8 | 0.45 | 2.5 | 13.0 |
| HC-496SS-DIP2 | 6.5 | 2.5 | 4.0 | 3.0 | 0.25 | 1.7 | 8.0 |

MARK (印字)



SODLE REFLOW PROFILE (回流焊曲线)



PACKING (包装)

200 PCS/bag、2000 PCS/box

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