



■ 特性 (FEATURES)

- 频率范围: 3.5-70MHz
- Frequency Range: 3.5-70MHz
- 适用于卓越的CPU时钟信号发生器
- Excellent clock signal generator for CPU's
- 适用于宽广的温度范围
- Available in extended temperature range



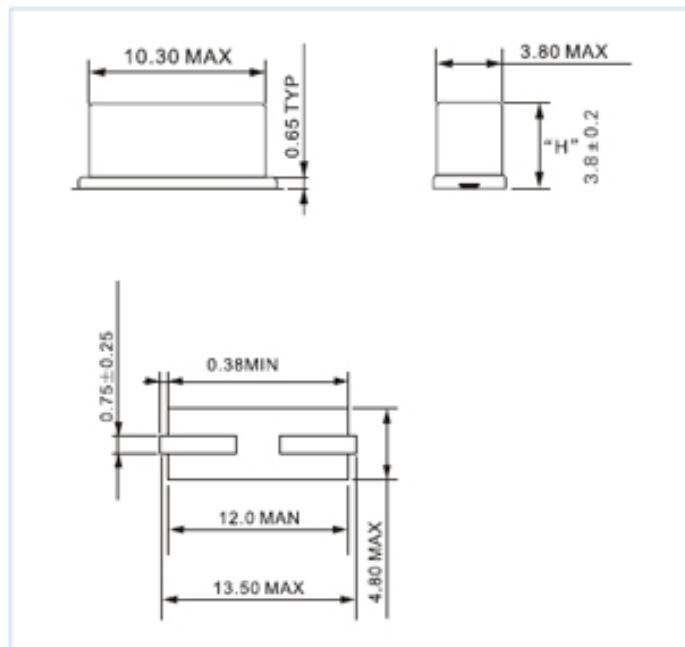
■ 标准规格 (STANDARD SPECIFICATION)

| Item                           | Model | HC-49SM  | Conditions      |
|--------------------------------|-------|--|-----------------|
| 频率范围 (Frequency Range)         |       | 3.5-30.0MHz(Fund.)<br>30.0-70.0MHz(3rd Overtone) | Need to specify |
| 调整频差 (Frequency Tolerance)     |       | ± 30ppm  | at 25°C         |
| 温度频差 ( Freq. Tol. Over Temp )  |       | ± 30ppm or ± 50ppm                               | Need to specify |
| 工作温度范围 (Operating Temp. Range) |       | -20~+70°C or -40~+85°C                           |                 |
| 保存温度范围 (Storage Temp. Range)   |       | -40~+85°C  |                 |
| 谐振电阻 (Series Resistance)       |       | Refer to the table as below                      | at 25°C         |
| 负载电容 (Motional Capacitance)    |       | 20pF   | Need to specify |
| 静态电容 (Shunt Capacitance)       |       | 7.0pF Max.                                       |                 |
| 激励电平 (Drive Level)             |       | 100 μw typical                                   |                 |
| 年老化率 (Aging)                   |       | ± 5ppm Max.                                      | 25 ± 3°C        |
| 绝缘阻抗 (Insulation Resistance)   |       | 500Mohm Min.                                     | DC100V ± 15V    |

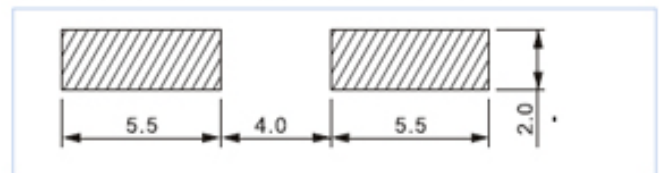
■ 谐振电阻 (SERIES RESISTANCE)

| 频率范围 (Freq. Range)       | 3.5-4MHz   | 4.01-6MHz  | 6.01-10MHz | 10.01-27MHz | 27.01-36MHz | 36.01-70MHz |
|--------------------------|------------|------------|------------|-------------|-------------|-------------|
| 振动模式 (Mode)              | Fund.      | Fund.      | Fund.      | Fund.       | Fund.3rd    | Overtone    |
| 谐振电阻 (Series Resistance) | 150ohmMax. | 120ohmMax. | 80ohmMax.  | 50ohmMax.   | 30ohmMax.   | 100ohmMax.  |
|                          |            |            |            |             |             | 80ohmMax.   |

■ OUTLINE DRAWING OF HC-49SM (mm)

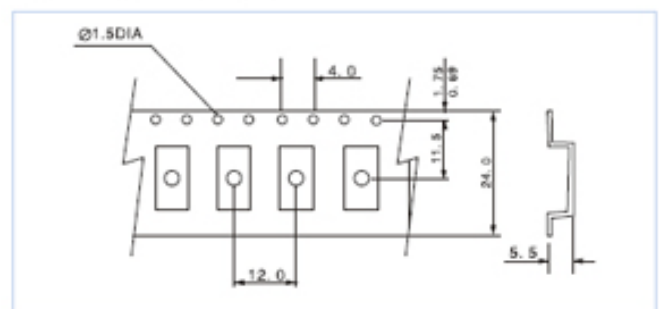


■ RECOMMENDED SOLDER PATTERN (mm)



■ CARRIER TAPE DIMENSIONS

- 330mm REEL DIAMETER
- 24mm TAPE WIDTH
- 12mm PITCH
- 1000 PIECES PER REEL



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