

RoHS Compliant Standard

**TMXLi-206F**



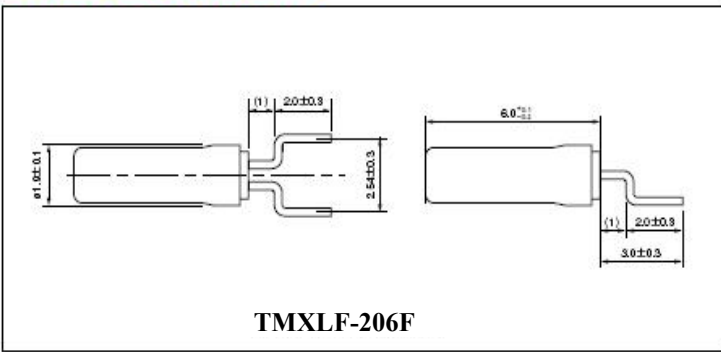
**Features 特性**

- Frequency Range:30-200KHz 頻率範圍： 30-200KHz
- Suited for automatic mounting and reflow soldering  
適合自動貼裝和回流焊接
- For a clock source in digital equipments 適用於數碼設備的所 有時鐘源

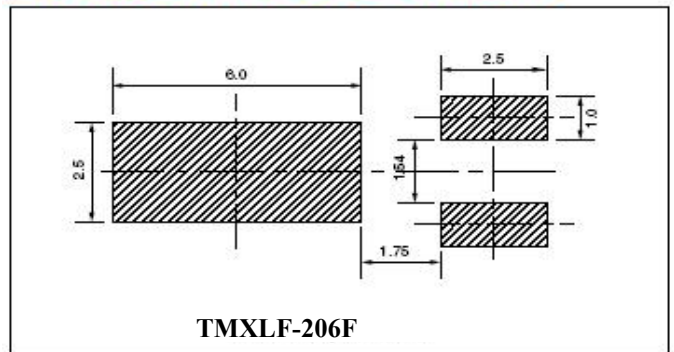
**STANDARD SPECIFICATIONS 標準規格**

|                             |        |   |                                    |
|-----------------------------|--------|---|------------------------------------|
| Frequency Range             | 頻率範圍   | 32.768KHz                                       | Need to specify                    |
| Load Capacitance            | 負載電容   | 12.5pF  | Need to specify                    |
| Drive Level                 | 激勵電平   | 1.0μW Max                                       |                                    |
| Frequency Tolerance         | 調整頻差   | ±20ppm  | at 25°C Need to specify            |
| Series Resistance           | 諧振電阻   | 50Kohm Max                                      | at 25°C Depend on frequency        |
| Turnover Temperature        | 拐點溫度   | 25 ± 5°C  |                                    |
| Temperature Coefficient     | 二次溫度係數 | $[-0.035 \pm 0.01] \text{ppm}/^\circ\text{C}^2$ |                                    |
| Operating Temperature Range | 工作溫度範圍 | -20~+70°C                                       |                                    |
| Storage Temperature Range   | 保存溫度範圍 | - 40~+85°C                                      |                                    |
| Motional Capacitance        | 動態電容   | 0.0028pF Typical                                | 和頻率有關Depend on frequency           |
| Shunt Capacitance           | 靜態電容   | 1.45pF Typical                                  | 和頻率有關Depend on frequency           |
| Capacitance Ratio           | C0/C1  | 500 Typical                                     | 和頻率有關Depend on frequency           |
| Aging[first year]           | 第一年老化率 | ± 5ppm Max                                      | 25°C ±3°C                          |
| Quality Factor              | Q值     | 50000Typical                                    | 和頻率有關Depend on frequency           |
| Insulation Resistance       | 絕緣阻抗   | 500Mohm Min.                                    | DC100V±15V(Pin to Pin,Pin to case) |

**OUTLINE DIMENSIONS**



**SOLDER PATTERN**



**FREQUENCY VS. TEMPERATURE CURVE**

