

**TUNING FORK CRYSTAL UNIT IN  $\varnothing 2 \times 6$ MM SMD FORMED METAL CAN PACKAGE.**
**PRODUCT FEATURES**

- Package dimensions  $\varnothing 2 \times 6$ mm with 2 formed leads for SMT.
- Reliable vacuum sealed metal can package.
- Suitable for low power consumption applications.
- Suitable for +260°C Reflow soldering process.
- RoHS compliant by exemption and HALOGEN-FREE.

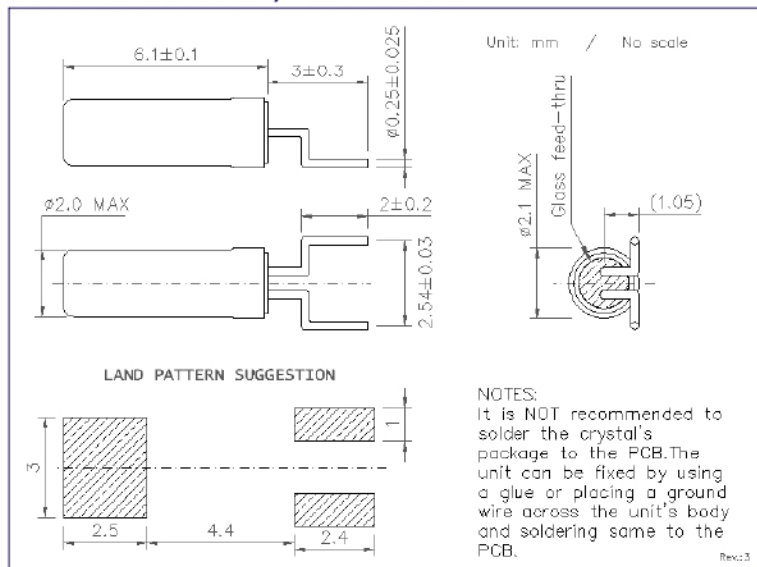
**APPLICATIONS**

- Real time clocks
- TV, LCD monitors
- Timer and controllers
- Cable modems

**PRODUCT PHOTO (NOT IN SCALE)**

**PRODUCT SPECIFICATIONS**

PARAMETER	FL26S2		CONDITIONS / REMARKS
Nominal frequency range	32.768kHz	28 ~ 80kHz	Please contact us for available frequencies.
Vibration mode	Fundamental		
Frequency tolerance	$\pm 20$ ppm / $\pm 30$ ppm / $\pm 50$ ppm / $\pm 100$ ppm		Other options available.
Stability over temperature	$-0.036$ ppm/°C <sup>2</sup>	$-0.034$ ppm/°C <sup>2</sup>	Parabolic coefficient.
Operating temperature range	$-20$ to $+70$ °C or $-40$ to $+85$ °C		Other options available.
Turnover temperature	$+25 \pm 5$ °C		
Equivalent series resistance (ESR)	$< 40$ k $\Omega$	$< 40$ k $\Omega$ $< 30$ k $\Omega$	$< 40$ k $\Omega$ $> 40$ k $\Omega$
Shunt capacitance	1.8pF	2.0pF	Typical
Motional capacitance	3.0fF	1.5~4.0fF	Depending on frequency.
Load capacitance	6 ~ 12.5pF	6~32pF or SERIES	Please specify.
Drive level	0.1 $\mu$ W TYP / 1.0 $\mu$ W MAX		
Aging first year	$\pm 5$ ppm		At +25°C

**PACKAGE OUTLINE / DIMENSIONS**

**PACKAGING INFORMATION**

- Tape & Reel compliant to EIA-481.
- Embossed carrier width 16mm.
- Component pitch in carrier 8mm.
- Reel diameter 180mm or 330mm.
- QTY per reel: 1,000pcs or 3,000pcs

**RECOMMENDED REFLOW PROFILE**
