

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.

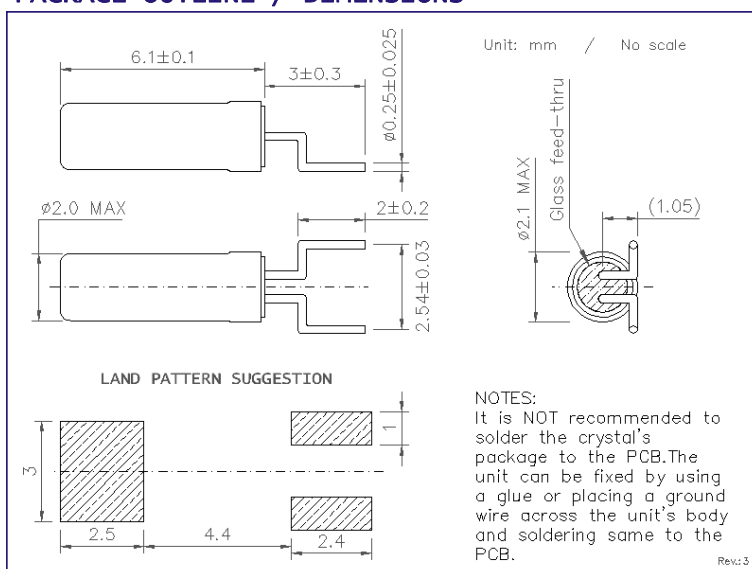
APPLICATIONS

- 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	± 20 ppm / ± 30 ppm / ± 50 ppm / ± 100 ppm		Other options available.
Stability over temperature	-0.036 ppm/°C ²	-0.034 ppm/°C ²	Parabolic coefficient.
Operating temperature range	-20 to +70°C or -40 to +85°C		Other options available.
Turnover temperature	+25±5°C		
Equivalent series resistance (ESR)	<40k Ω	<40k Ω <30k Ω	<40k Ω >40k Ω
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 μ W TYP / 1.0 μ W MAX		
Aging first year	±5ppm		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
