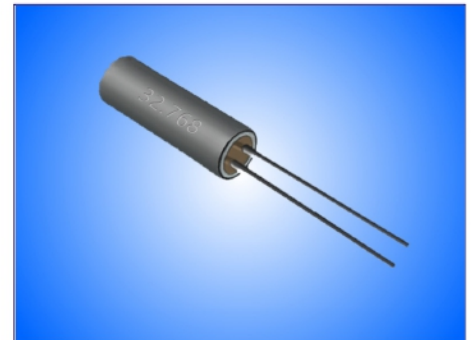


TUNING FORK CRYSTAL UNIT IN $\varnothing 2 \times 6 \text{mm}$ THRU-HOLE METAL CAN PACKAGE.
PRODUCT FEATURES

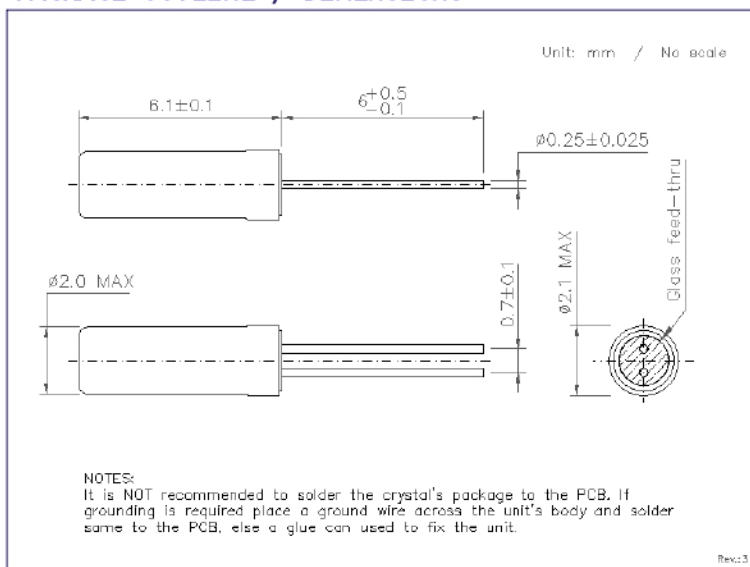
- Package dimensions $\varnothing 2 \times 6 \text{mm}$ with 2 leads.
- Reliable vacuum sealed metal can package.
- Suitable for low power consumption applications.
- RoHS compliant, LEAD-FREE and HALOGEN-FREE.

APPLICATIONS

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

PRODUCT PHOTO (NOT IN SCALE)

PRODUCT SPECIFICATIONS

PARAMETER	FL26T2		CONDITIONS / REMARKS
Nominal frequency range	32.768kHz	28 ~ 80kHz	Please contact us for available frequencies.
Vibration mode	Fundamental		
Frequency tolerance	$\pm 20 \text{ppm}$ / $\pm 30 \text{ppm}$ / $\pm 50 \text{ppm}$ / $\pm 100 \text{ppm}$		Other options available.
Stability over temperature	$-0.036 \text{ppm}/^\circ\text{C}^2$	$-0.034 \text{ppm}/^\circ\text{C}^2$	Parabolic coefficient.
Operating temperature range	-20 to $+70^\circ\text{C}$ or -40 to $+85^\circ\text{C}$		Other options available.
Turnover temperature	$+25 \pm 5^\circ\text{C}$		
Equivalent series resistance (ESR)	$< 40 \text{k}\Omega$	$< 40 \text{k}\Omega$ $< 30 \text{k}\Omega$	$< 40 \text{kHz}$ $> 40 \text{kHz}$
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 μW TYP / 1.0 μW MAX		
Aging first year	$\pm 5 \text{ppm}$		At $+25^\circ\text{C}$

PACKAGE OUTLINE / DIMENSIONS

PACKAGING INFORMATION

- Bulk packaging.
- QTY per bag: 1,000pcs MAX
- QTY per box: 20 bags MAX

RECOMMENDED WAVE SOLDER PROFILE
