

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.

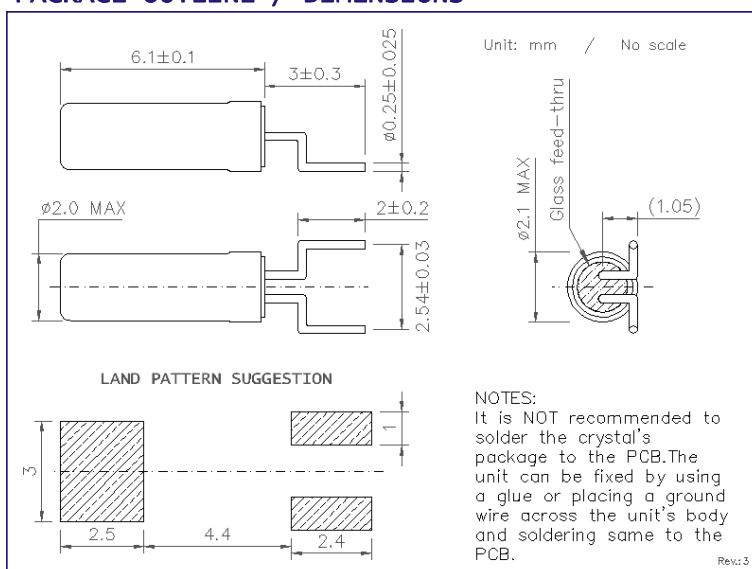
APPLICATIONS

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

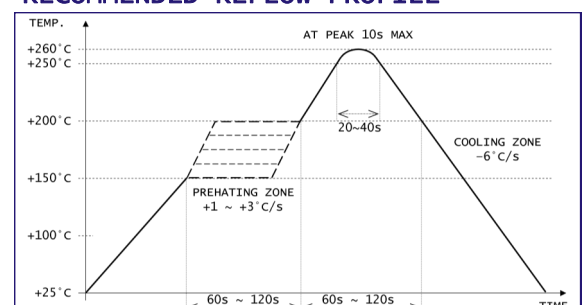
PRODUCT PHOTO (NOT IN SCALE)

PRODUCT SPECIFICATIONS

PARAMETER	3426S		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/ $^{\circ}\text{C}^2$	-0.034 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 k Ω	< 40 k Ω < 30 k Ω	< 40 k Ω > 40 k 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	0.5 μW TYP / 2.0 μW MAX		
Aging first year	± 5 ppm		At $+25^{\circ}\text{C}$

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


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