Hang Crystal International

TUNING FORK CRYSTAL

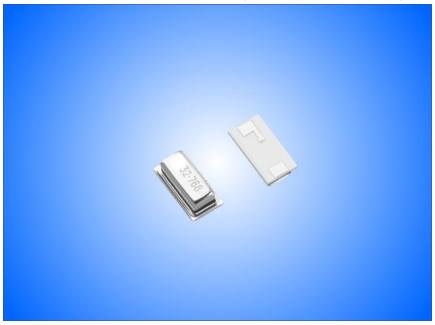
3436S

TUNING FORK CRYSTAL UNIT IN SMD 6.0X3.0MM CERAMIC & METAL PACKAGE.

PRODUCT FEATURES

- Package dimensions 6.0x3.0x2.0 with 2 leads.
- Heat resistant mold allowing high temperature reflow.
- Suitable for low power consumption applications.
- RoHS compliant, LEAD-FREE and HALOGEN-FREE.

PRODUCT PHOTO (NOT IN SCALE)



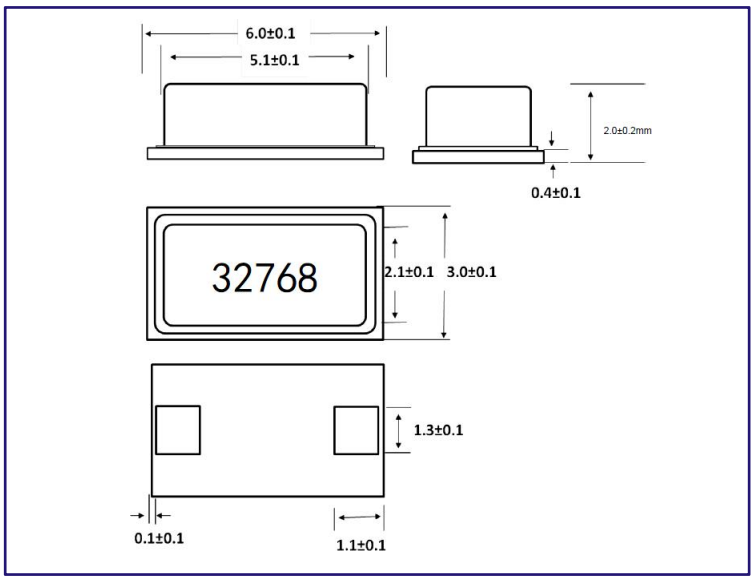
APPLICATIONS

- Real time clocks
- Microprocessors
- Timers and controllers
- Meters and handheld devices

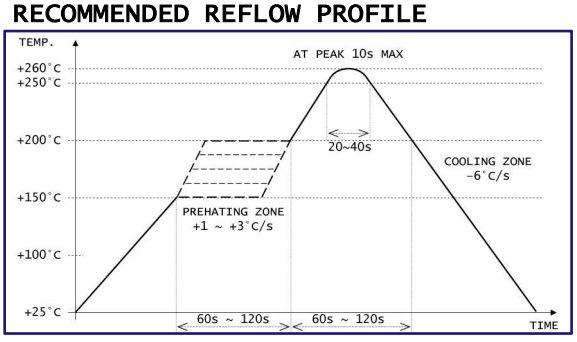
PRODUCT SPECIFICATIONS

PARAMETER	FL36S2	CONDITIONS / REMARKS
Nominal frequency range	32.768kHz	--
Vibration mode	Fundamental	
Frequency tolerance	±20ppm / ±30ppm	Other options available.
Stability over temperature	-0.04ppm/°C² MAX	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)	<80kΩ	@ Series load
Shunt capacitance	2.0pF MAX	--
Motional capacitance	5.0fF MAX	--
Load capacitance	7pF / 9pF / 12.5pF	Please specify.
Drive level	0.1μW TYP / 1.0μW MAX	--
Aging per year	±3ppm	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 330mm.
- QTY per reel: 3,000pcs

RECOMMENDED REFLOW PROFILE