

Tuning Fork Quartz Crystals

G3



6.0 x 2.0mm SMD Tubular Tuning Fork Crystal

Product Features

- Industry standard package
- Rugged, resistant to shock and vibration
- Available on tape & reel 16mm tape; 3000 units per reel
- RoHS Compliant

Product Description

The G3 tuning fork type quartz crystal provides a reliable, stable, and accurate 32.768 kHz reference.

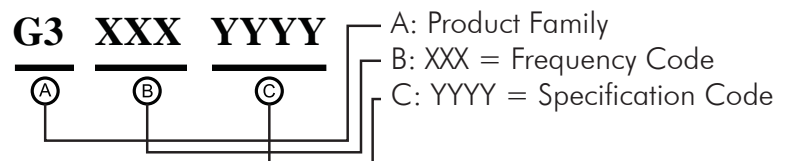
Applications

- Real-time clocks
- Reference for microprocessors' low power and standby modes.

Electrical Specification:

Nominal Frequency	f	32.768 kHz
Frequency Tolerance at 25°C		±20ppm
Turnover Temperature	T ₀	25°C±5°C
Temperature Characteristic	K	-0.035ppm/°C ² Typical Frequency deviation at temperature T ($\Delta f/f = K(T_0 - T)^2$)
Load Capacitance	C _L	12.5pF
Series Resistance	R _S	40KΩ max
Shunt Capacitance	C ₀	1.8pF
Drive Level	DL	1μW±0.2μW
Aging		5.0ppm Max
Operating Temperature Range		-30 to +70°C
Storage Temperature Range		-40 to +85°C
Reflow Temperature		260°C max, 10 Second

Part Ordering Information:



Mechanical Drawings: G3 Series

