

Quartz Crystal Resonator and Oscillator Series

This series includes quartz crystal resonators and oscillators. The series features TF, 49S, M, K, and T series resonators along with TC series oscillators.

Product Overview

Quartz Crystal Series Solutions

This comprehensive series of quartz crystal resonators and oscillators provides high-precision frequency control for a wide array of electronic applications. Featuring options ranging from 32.768KHz tuning fork resonators to high-frequency oscillators, the series is engineered for low equivalent series resistance and excellent frequency pullability. All components are RoHS compliant, ensuring suitability for modern, environmentally conscious mass production environments.

Compliance & Quality

Certifications

RoHS Compliant, Pb Free

Technical Specifications

Series Comparison

Series	Frequency Range	Type
TF	32.768KHz	Resistance Welded
49S	3.579545-64.000MHz	Resistance Welded
M	8.000-54.000MHz	Reflow Resistance
K	32.768KHz	Reflow Resistance
T	19.2/26.0/38.4MHz	Reflow Resistance
TC	10.000-70.000MHz	HCMOS Oscillator

Oscillator Performance

Key Oscillator Metrics

2.5 ppm

Frequency Stability

Oscillator Features

- HCMOS output
- Tri-state function
- Low current consumption
- Low phase noise
- Low jitter