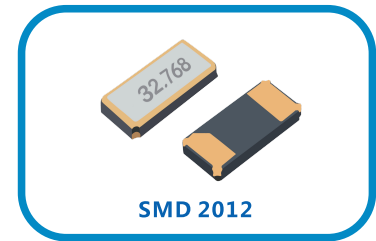


Feature

- 32.768KHz
- D2:H=0.55mm Max
- Application: Small Communication Devices



SMD 2012

Specifications

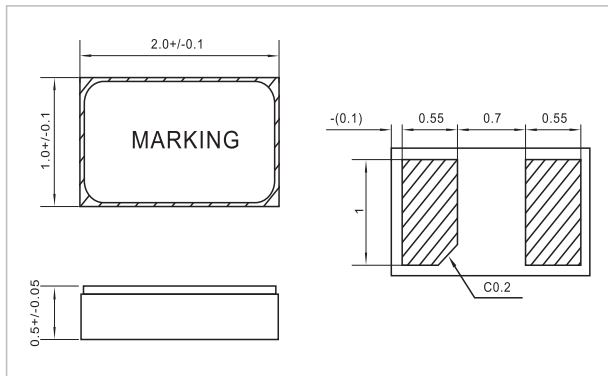
RoHS Compliant

REACH Compliant

Item	Model	RFW D2 Series
Frequency Range		32.768KHz
Oscillator Mode		Tuning Fork
Frequency Tolerance (25±3°C)		±10PPM, ±20PPM
Temperature Characteristics (with reference to +25°C)		±20PPM~±150PPM
Operating Temperature Range		-40 to 85°C
Load Capacitance		6pF, 7pF, 9pF, 12.5pF
Storage Temperature Range		-55 ~ +125°C
Drive Level		0.5 μW max.
Turnover Temperature		25°C±5°C
Temperature Coefficient		-0.04ppm/°C²
Series Resistance		80KΩ Max
Shunt Capacitance		1.15pF Typical

The above specifications are standard for this RFW products. Custom-made Spec. such as CL and Temp. Stability are also available. Please contact us with your enquiries.

Outline Drawing RFWD2



Ordering Information

Part Number Guide

RFW X'TAL	D2 Package Size (mm)	12.5 Load Capacitance (pF)	C Freq. Tol. @25°C (ppm)	H Frequency Stability (ppm)	C Temp. Range (°C)	I Oscillator Mode	- Dash	Freq. (Mhz)
	D3:3.2*1.5 D2:2.0*1.2	XX=xpF	B: ±10 C: ±20 E: ±30	C: ±20 E: ±30 G: ±50 H: ±100 K: ±150	C: -20~+70°C L: -40~+85°C	T: Tuning Fork		0.032768

Frequency Stability Vs. Temperature Range

Temp.(°C)	Ppm	±100	Over±150
-20 ~ +70		○	○
-40 ~ +85		○	○

○: Available △: Conditional X: Not available

Example RFWD212.5CH LT-0.032768MHz
Crystal unit, RoHS Compliant, 2.0*1.2mm; CL=12.5pF; Freq. Tolerance: +/- 20ppm;
Freq. Stability: +/- 100ppm; Operating Temp. Range: -40~+85°C; Tuning Fork;
Freq. 0.032768 MHz.

**Not all combinations of options are available.