

Feature

- Typical 2.05 × 1.65 × 0.45 mm ultra thin ceramic package.
- 8 mm width Tape & Reel package for automatic assembly.
- Tight tolerance 10 ppm available.
- Application: Bluetooth; Mobile phone; W-LAN; Office Automation; Audio & Video



Size 2016

Specifications

RoHS Compliant

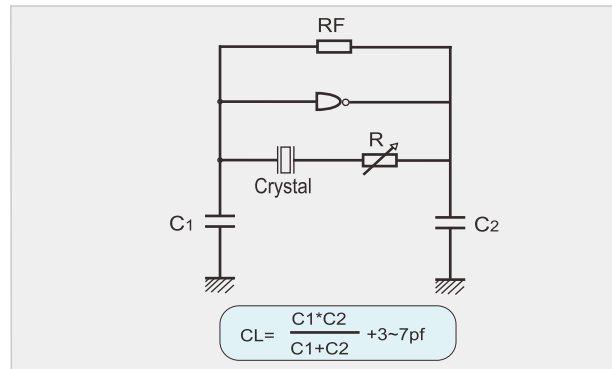
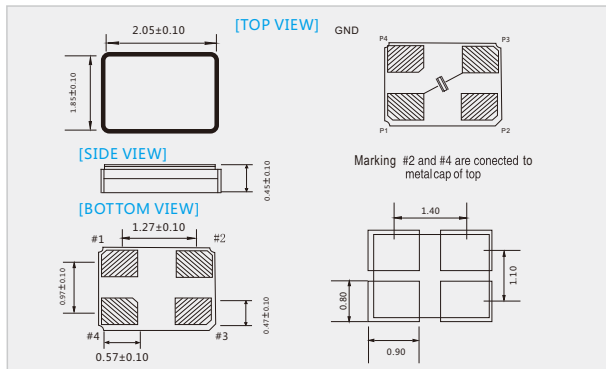


REACH Compliant

Item	Model	RFW1 Series	
Frequency Range		16 to 60MHz	
Oscillator Mode		Fundamental	
Frequency Tolerance (25±3°C)		±10PPM~±50PPM	
Temperature Characteristics (with reference to +25°C)		±10PPM~±50PPM	
Operating Temperature Range		-20 to 70°C	
Load Capacitance		8pF~32pF, Series	
Storage Temperature Range		-55 to 125°C	
Drive Level		10µW(max. 200µW)	
Equivalent Series Resistance		Frequency Range (MHz)	Equivalent Series Resistance max. [Ω]
		16 to 20	<200
		20 to 30	<100
		30 to 60	<80

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



Ordering Information

Part Number Guide

RFW X'TAL	1 Package Size (mm)	10 Load Capacitance (pF)	B Freq. Tol. @25°C (ppm)	B Frequency Stability (ppm)	C Temp. Range (°C)	1 Oscillator Mode	- Dash	Freq. (Mhz)
	2.0*1.6*0.45 L=2.0 W=1.6 H=0.45	XX=xppF	A:±5 B:±10 P:±15 C:±20 D:±25 E:±30 G:±50	A:±5 B:±10 P:±15 C:±20 D:±25 E:±30 G:±50	I:-10~+60°C F:-10~+70°C C:-20~+70°C R:-20~+75°C S:-20~+85°C M:-25~+70°C N:-30~+70°C L:-40~+85°C	1:AT Fundamental		XX.XXXXXX

Frequency Stability Vs. Temperature Range

Temp.(°C)	Ppm	±5	±10	±15
-10 ~ +60		+	+	+
-20 ~ +70		+	+	+
-40 ~ +85		+	+	+

+ Standard + Available(case by case) - Not Available

Example RFW110BBC1-26.000000MHz
 Crystal unit, RoHS Compliant, 2.0*1.6mm; CL=10pF; Freq. Tolerance: +/-10ppm;
 Freq. Stability: +/-10ppm; Operating Temp. Range: -20~70°C; AT Fundamental;
 Freq. 26.000000MHz.
 **Not all combinations of options are available.