

Crystal Clock Oscillator

32 KHz oscillator

2.5 x 2.0 x 0.95 mm SMD Ceramic, Seam Welded

RoHS Compliant

Low Power Consumption

Tr- State

Applications

Notebook PC

Portable Audio

HDD

CCD

Wireless LAN

Bluetooth

Digital Camera

Network Cards



Part Numbering Example: CWFC 00 L 40 - A2 - 32.768K TS

CWFC 00 L 40 - A2 - 32.768K TS

SERIES	STABILITY	PACKAGE STYLE	VOLTAGE	SYMMETRY	OPERATING TEMP	FREQUENCY	TRISTATE
CWFC	Blank = ± 100 PPM B2 = ± 50 PPM BR = ± 25 PPM BD = ± 20 PPM	5 = 5 x 3.2 mm 2 = 2.5 x 2 mm	L = 3.3 V R = 2.5 V Q = 1.8 V	40/60 45/55	Blank = 0 to 70 °C A2 = -40 to +85 °C		Tri State

Specifications:

	Min	Typical	Max	Units
Frequency Range		32.768		KHz
Stability			100 PPM 50 PPM 25 PPM 20 PPM	
Temp Range	0 -40		70 °C 85 °C	
Storage Temp	-55		125 °C	
Power Supply Voltage		1.8 \pm 5% 2.5 \pm 5% 3.3 \pm 10%		% % %
Output Level		CMOS		
Output Symetry		40 / 60 45 / 55		50% VDD 50% VDD
Input Current	1.5	2.5	3.5	mA (Max)
Rise / Fall Time	50	50	50	nS (Max)
Output Load		15		pF
Aging		3		PPM/Year

