



E1WS D A 12 -32.768K

Load Capacitance

12.5pF Parallel Resonant

L Nominal Frequency

32.768KHz

Series Watch Crystal Resonator 3.7mm x 8.7mm x 2.5mm 4 Pad Plastic Surface Mount (SMD)

Frequency Tolerance ±20ppm at 25°C

Operating Temperature Ra

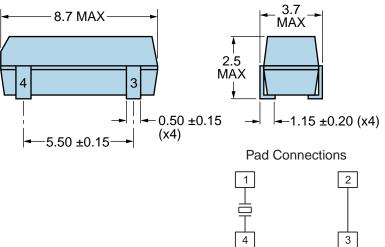
	-10°C to +60°C	
ELECTRICAL SPECIFICATIONS		
Nominal Frequency	32.768KHz	
Frequency Tolerance	±20ppm at 25°C	
Frequency Stability	Parabolic -0.042ppm/(Change in °C) ² Maximum	
Aging at 25°C	±3ppm/year Maximum	
Operating Temperature Range	-10°C to +60°C	
Load Capacitance	12.5pF Parallel Resonant	
Shunt Capacitance (C0)	0.85pF Typical, 2pF Maximum	
Motional Capacitance	2.0fF Typical	
Equivalent Series Resistance	60,000 Ohms Maximum	
Mode of Operation	Tuning Fork, Turn Over Temperature at 25°C ±5°C	
Drive Level	1µWatt Maximum	
Storage Temperature Range	-40°C to +85°C	
Insulation Resistance	500 Megaohms Minimum at 100Vdc	

SHENZHEN YIJIN ELECTRONICS CO: LTD TEL: 0755-27876565

http://www.vc-tcxo.com 18924600166 QQ: 857950243



MECHANICAL DIMENSIONS (all dimensions in millimeters)



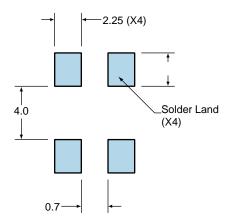
	CORPORATION
PIN	CONNECTION
1	Crystal
2	No Connect
3	No Connect
4	Crystal

ECLIPTEK[®]

LINE	MARKING
	C2KXXXXX C2K=Frequency Code XXXXX=Lot Code (5 Digits Maximum)

Suggested Solder Pad Layout

All Dimensions in Millimeters



All Tolerances are ±0.1

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