

PART NUMBERING GUIDE

Environmental/Mechanical Specifications on page F5

32.768kHz SMD Watch Crystal		AWS2	A	- 32.768kHz
				Pad Connection A = Option A B = Option B

ELECTRICAL SPECIFICATIONS

Revision: 1998-B

Frequency	32.768kHz
Frequency Tolerance	±20ppm Max.
Parabolic Curvature Constant	-0.04ppm/(Δ°C) ² Max.
Turnover Temperature	25°C ±5°C
Operating Temperature Range	-20°C to 70°C
Storage Temperature Range	-55°C to 125°C
Load Capacitance	12.5pF Typical (contact factory for custom load capacitance)
Resistance	60,000 Ohms Max
Q Factor	50,000 Min.
Drive Level	1uWatt Maximum
Motional Capacitance	2.0fF Typ.

MECHANICAL DIMENSIONS

PIN CONNECTION OPTIONS
Marking Guide on page 58-59

