

PART NUMBERING GUIDE

Environmental/Mechanical Specifications on page F5

AWS145 - 32.768kHz

32.768kHz SMD Watch Crystal
7.0(L)X1.4(H)X1.5(W)

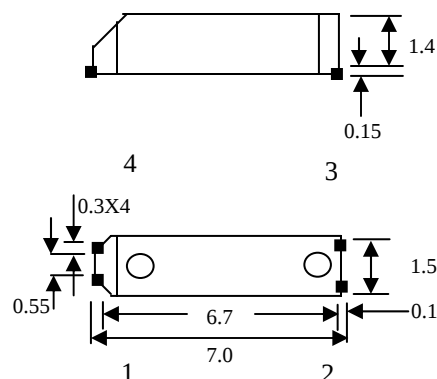
ELECTRICAL SPECIFICATIONS

Revision: 2005-B

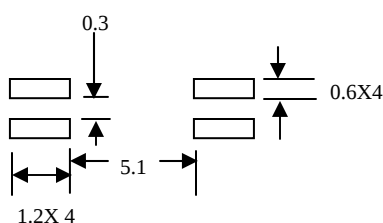
Frequency	32.768kHz
Frequency Tolerance	±20ppm Max.
Parabolic Curvature Constant	-0.04ppm/(Δ°C) ² Max.
Turnover Temperature	25°C ±5°C
Operating Temperature Range	-40°C to 85°C
Storage Temperature Range	-55°C to 125°C
Load Capacitance	12.5pF Typical
Resonance Resistance	65,000 Ohms Max
Q Factor	50,000 Min.
Drive Level	1uWatt Maximum
Motional Capacitance / Shunt Capacitance	1.9fF Typ. / 0.8pF Typ.

MECHANICAL DIMENSIONS

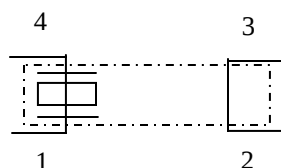
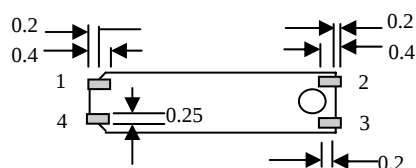
Marking Guide



Recommended Solder Pad Layout



Internal Pin Connection



Marking Guide:

32C49

32 = Frequency (32.768kHz)
C = Caliber Electronics Inc.
49 = Manufacturing Date Code