

PART NUMBERING GUIDE

Environmental/Mechanical Specifications on page F5

AWS145 - 32.768kHz - 7		
32.768kHz SMD Watch Crystal 7.0(L)X1.4(H)X1.5(W)		Load Capacitance / Blank = 12pF

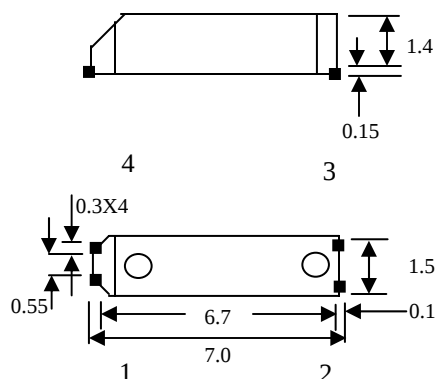
ELECTRICAL SPECIFICATIONS

Revision: 2005-C

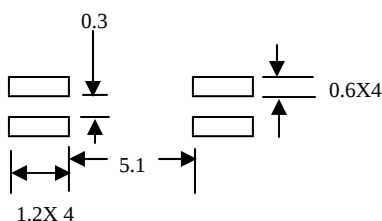
Frequency	32.768kHz
Frequency Tolerance	±20ppm Max.
Parabolic Curvature Constant	-0.04ppm/(Δ°C) ² Max.
Turnover Temperature	25°C ±5°C
Operating Temperature Range	-40°C to 85°C
Storage Temperature Range	-55°C to 125°C
Load Capacitance	12.5pF Typical (blank in part numbering) / 7pF denoted -7 as suffix.
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

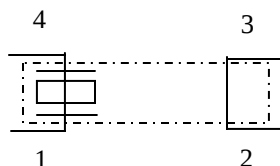
Marking Guide



Recommended Solder Pad Layout



Internal Pin Connection



Marking Guide:

32C49
32 = Frequency (32.768kHz)
C = Caliber Electronics Inc.
49 = Manufacturing Date Code