PART NUMBERING GUIDE

Environmental/Mechanical Specifications on page F5

AWS145 - 32.768kHz - 7

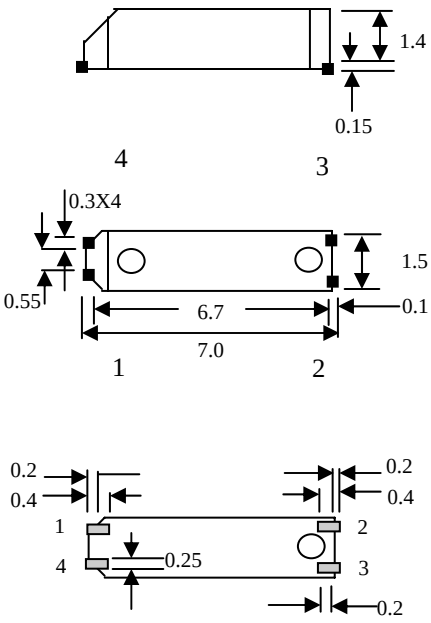
- AWS145: 32.768kHz SMD Watch Crystal, 7.0(L)X1.4(H)X1.5(W)
- 7: Load Capacitance / Blank = 12pF

ELECTRICAL SPECIFICATIONS

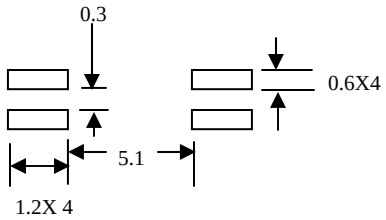
Revision: 2005-C

Frequency	32.768kHz
Frequency Tolerance **Parabolic Curvature Constant**	±20ppm Max. -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.

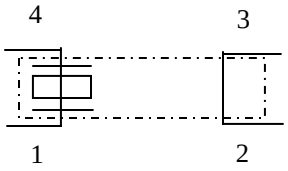
MECHANICAL DIMENSIONS



Recommended Solder Pad Layout



Internal Pin Connection



Marking Guide

Marking Guide:

32C49

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