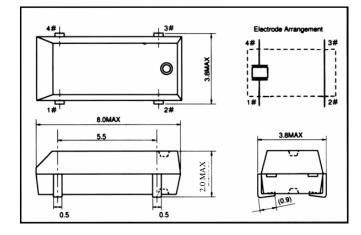
ELECTRICAL SPECIFICATIONS	Environmental/Mechanical Specifications on page F5
Frequency	32.768kHz (AWS200S Package Only) 30.000kHz to 165.000kHz (AWS250S Package Only)
Frequency Tolerance	±20ppm Max. (32.768kHz All packages)
Parabolic Curvature Constant	±30ppm Max. (30.000kHz to 165.000kHz) -0.04ppm/(∆°C)² Max.
Turnover Temperature	25°C ±5°C
Temperature Coefficient / Frequency Stability	-0.034 ±0.006ppm/(°C2)x2
Operating Temperature Range	-10°C to 60°C
Storage Temperature Range	-40°C to 85°C
Load Capacitance	12.5pF Typical (contact factory for custom load capacitance)
Frequency Stability	034±0.006ppm / (25-T)x2
Resistance	30,000 - 50,000 Ohms Max.
Q Factor	50,000 Min.
Drive Level	1μWatt Maximum
Shunt Capacitance	.8 to 1.7pF Typical
Motional Capacitance	0.001 to 0.004pF
Aging (First Year)	±3ppm Max. (AWS200S) / ±5ppm Max. (AWS250S)

MECHANICAL DIMENSIONS

AWS200S (2.0mm max. ht.)



Marking Guide:

32C49

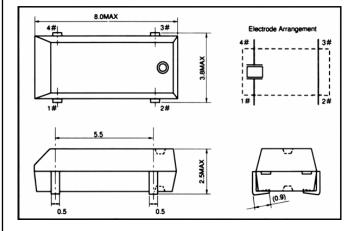
32 = Frequency (32.768kHz)

C = Caliber Electronics Inc.

49 = Manufacturing Date Code

Revision: 2000-A

AWS250S (2.5mm max. ht.)



Marking Guide:

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69 = Frequency

C = Caliber Electronics Inc.

49 = Manufacturing Date Code