



### BW31 SERIES CRYSTAL - 3.2 x 1.5 x .75mm SMD

Frequency Range	32.768MHZ
Motional Resistance (ESR)	70kΩ max
Load Capacitance (CL)	Standard (12.5pF), User Spec
Level of Drive (DL)	0.5μW max
Frequency Tolerance (25°C)	20ppm (STD), User Spec
Frequency Stability	-0.034ppm/ 25°C <sup>2</sup> ±0.006ppm
Operating Temperature Range	-40°C to +85°C
Storage Temperature Range	-55°C to +125°C
Motional Capacitance(C1)	6.7fF
Shunt Capacitance(Co)	1.5pF
Aging	± 3ppm / year max
Insulation Resistance	500MΩ min

### PART NUMBERING GUIDE

Series	Tolerance	Load	Freq
BW31	±20ppm = D	12.5 = 12.5pF XX = User Spec	32K768

For other Tolerance, Stability, and Temperature options please consult factory

**Example P/N: BW31 – D – 12.5 – 32K768**

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### MECHANICAL DRAWING

