



BW38K SERIES CRYSTAL - 3.1 x 8.2mm

Frequency Range	30kHz ~ 100kHz ~ Fundamental
Load Capacitance (CL)	Standard (12.5pF, 6pF) User Spec
Frequency Tolerance (25 °C)	±20 ppm Standard, User Spec
Frequency Stability	-0.034ppm/ 25 °C ² ±0.006ppm
Motional Resistance (ESR)	40kΩ max
Shunt Capacitance (CO)	1.45pF typical
Motional Capacitance (C1)	0.0028pF typical
Drive Level (DL)	1.0μW max
Quality Factor (Q)	50,000 typical
Operating/ Storage Temperature Range	-40 °C to +85 °C
Aging	±5 ppm per year max
Insulation Resistance	500MΩ min at 100Vdc ± 15V

PART NUMBERING GUIDE

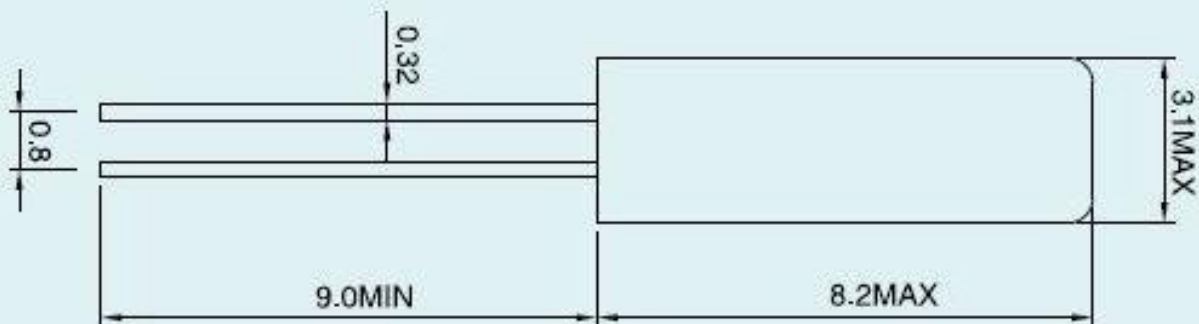
BW38K	Tolerance	Temperature Range/Stability	Load	Freq
	±10ppm = 1	-40 °C to +85 °C/ ±25ppm = H	06 = 6pF	30K000
	±15ppm = 2	-40 °C to +85 °C/ ±30ppm = J	12.5 = 12.5pF	
	±20ppm = 3	-40 °C to +85 °C/ ±50ppm = K	XX = User Spec	
	±25ppm = 4	-40 °C to +85 °C/ ±100ppm = L		
	±30ppm = 5			
	±50ppm = 6			

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

Example P/N: BW38K – 1 – H – 12.5 – 30K000

To Request a Quote click here - www.beckelec.com//request-a-quote/

MECHANICAL DRAWING



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