



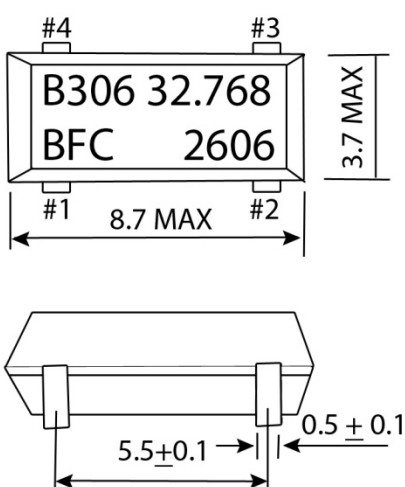
Features:

- 32.768 kHz Frequency
- Suitable for Time of Day Clock Applications
- Performance with Economic Cost
- Miniature SMD Thermoplastic Package with 2.5mm Height

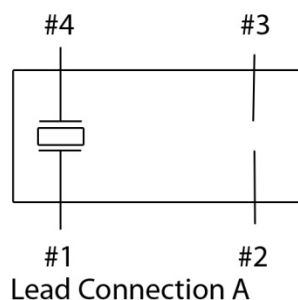
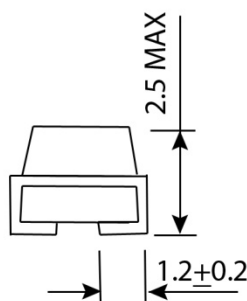


- Excellent Shock Resistance
- Excellent Environmental Characteristics
- Compatible to Citizen CM200S/ Epson MC-306
- **RoHS Compliant (Pb Free)**

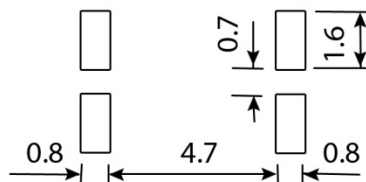
ELECTRICAL SPECIFICATIONS		
Frequency Range	32.768 kHz	
Turnover Temperature	25°C ± 5°C on a Parabolic Curve	
Calibration Tolerance @ 25°C	± 20ppm Max.	
Frequency Stability Ref @ 25°C	Frequency Shift @ T°C in ppm = -0.035*(T-25)^2 +/-10% (ppm)	
Temperature Range	-40 to 85°C,	
Crystal Aging	± 3ppm / Year Maximum	
Storage Temperature	-55°C to +125°C	
Equivalent Series Resistance	55 kOhms Maximum	
Motional Capacitance	0.0018pF	
Shunt Capacitance	< 1.0pf	
Aging (1 st Year)	±3 ppm / year Maximum	
Load Capacitance (CL)	12.5pF Load Standard	
Drive Level	0.001mW Maximum	
Insulation Resistance	500,000 k Ohms min.	
Part Numbering System		
Model	Load (Cl)	Frequency
BFC 306	12.5pF	32.768 kHz



Mechanical Dimensions (mm)



Recommended Solder Pad Layout



All dimensions are typical unless otherwise specified