

**Customer Part:**
**Description**

- Ceramic package with a resin sealed ceramic lid, hermetically sealed.
- Model 6SMX
- Model Issue number 9

**Frequency Parameters**

- Frequency 3.68640MHz
- Frequency Tolerance  $\pm 50.00\text{ppm}$
- Frequency Stability  $\pm 50.00\text{ppm}$
- Operating Temperature Range  $-10.00$  to  $60.00^\circ\text{C}$
- Overtone Order Fundamental
- Ageing  $\pm 5\text{ppm}$  max per year at  $25^\circ\text{C}$

**Electrical Parameters**

- Load Capacitance (CL) 16.00pF
- Shunt Capacitance (C0) 7pF max
- Drive Level  $100\mu\text{W}$  max
- ESR  $140.00\Omega$  max

**Environmental Parameters**

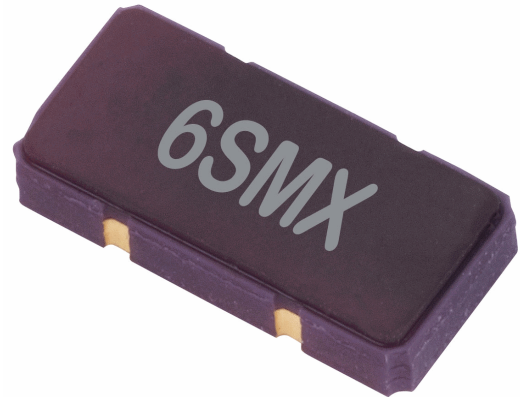
- Shock: MIL-STD-202F, Method 213B: 1000G, 0.5ms, 1/2 sine wave
- Vibration: MIL-STD-202F, Method 204D, Test Condition D: 20G (10Hz-2000Hz), 4hrs in 3 mutually perpendicular planes (total 12hrs)
- Storage Temperature Range:  $-55^\circ\text{C}$  to  $125^\circ\text{C}$

**Compliance**

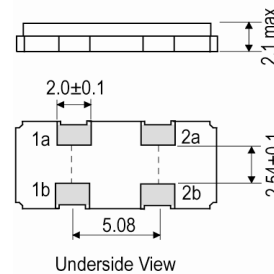
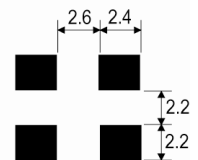
- RoHS Status (2015/863/EU) Compliant
- REACH Status Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

**Packaging Details**

- Pack Style: Bulk Loose in bulk pack
- Pack Size: 100
- *Alternative packing option available*


**Outline (mm)**


Pad Connections  
 1a & 1b. Crystal  
 2a & 2b. Crystal


**Solder Pad Layout**

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