

**Description**

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

**Frequency Parameters**

- Frequency 11.05920MHz
- 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) 28.00pF
- Shunt Capacitance (C0) 7pF max
- Drive Level 100 $\mu\text{W}$  max
- ESR 40.00 $\Omega$  max

**Environmental Parameters**

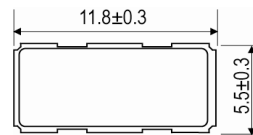
- Shock: MIL-STD-202F, Method 213B: 1000G, 0.5ms, 1/2 sine wave
- Vibration: MIL-STD-202F, Method 204D, Test Condition D: 20G (10Hz-2000Hz), 4hrs in 3 mutually perpendicular planes (total 12hrs)
- Storage Temperature Range:  $-55^\circ\text{C}$  to  $125^\circ\text{C}$

**Compliance**

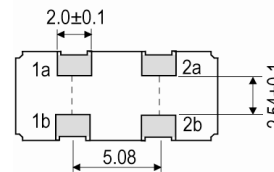
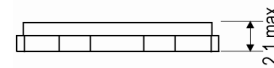
- RoHS Status (2011/65/EU) Compliant
- REACH Status Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

**Packaging Details**

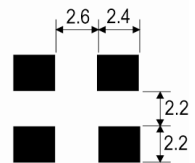
- Pack Style: Reel Tape & reel in accordance with EIA-481-D  
Pack Size: 1,000
- *Alternative packing option available*


**Outline (mm)**


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



Underside View

**Solder Pad Layout**

**Sales Office Contact Details:**

UK: +44 (0)1460 270200  
Germany: 0800 1808 443

France: 0800 901 383  
USA: +1.760.318.2824

Email: [info@iqdfrequencyproducts.com](mailto:info@iqdfrequencyproducts.com)  
Web: [www.iqdfrequencyproducts.com](http://www.iqdfrequencyproducts.com)