

Customer Part:

Description

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

Frequency Parameters

- Frequency 16.0MHz
- Frequency Tolerance $\pm 30.00\text{ppm}$
- Frequency Stability $\pm 50.00\text{ppm}$
- Operating Temperature Range -10.00 to 60.00°C
- Overtone Order Fundamental
- Ageing $\pm 5\text{ppm}$ max per year at 25°C

Electrical Parameters

- Load Capacitance (CL) 16.00pF
- Shunt Capacitance (C0) 7pF max
- Drive Level $100\mu\text{W}$ max
- ESR 30.00Ω 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°C to 125°C

Compliance

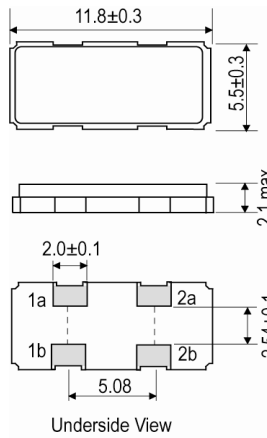
- RoHS Status (2015/863/EU) Compliant
- REACH Status Compliant
- MSL Rating (JDEC-STD-033): Not Applicable

Packaging Details

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

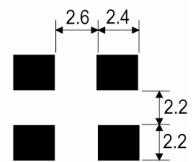


Outline (mm)



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

Solder Pad Layout



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