

**Description**

- Standard 7 x 5mm SMD crystal
- A ceramic package with a seam sealed metal lid, hermetically sealed. 4 pad device metal lid.
- Model 12SMX-B
- Model Issue number 13

Frequency Parameters

- Frequency 12.0MHz
- Frequency Tolerance @ 25°C $\pm 30.00\text{ppm}$
- Frequency Stability $\pm 50.00\text{ppm}$
- Operating Temperature Range -20.00 to 70.00°C
- Overtone Order Fundamental
- Ageing $\pm 5\text{ppm}$ per year max

Electrical Parameters

- Load Capacitance (C_L) 16.00pF
- Shunt Capacitance (C_0) 7pF max
- Drive Level 100 μ W max
- ESR 60 Ω max

Environmental Parameters

- Storage Temperature Range: -40 to 85°C

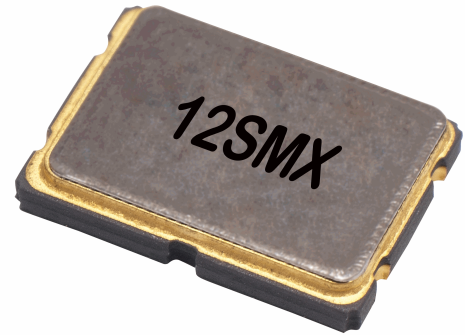
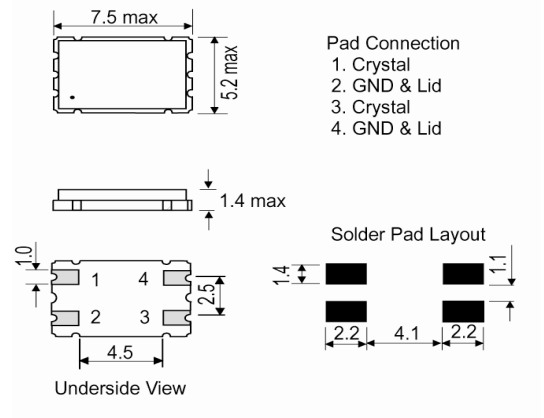
Compliance

- RoHS Status Compliant
- REACH Status Compliant

Packaging

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

This document is correct at the time of printing; please contact your local office for the latest version.

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