

**Customer Part:**

**Description**

- Standard 7 x 5mm SMD crystal
- 4 pad (metal lid)
  - A ceramic package with a seam sealed metal lid, hermetically sealed. 4 pad device metal lid.
- Model 12SMX-B
- Model Issue number 14

**Frequency Parameters**

- Frequency 24.5760MHz
- Frequency Tolerance  $\pm 30.00$ ppm
- Frequency Stability  $\pm 50.00$ ppm
- Operating Temperature Range -20.00 to 70.00°C
- Overtone Order Fundamental
- Ageing  $\pm 5$ ppm per year max

**Electrical Parameters**

- Load Capacitance 16.00pF
- Shunt Capacitance 7pF max
- Drive Level 100µW max
- ESR 40.00Ω max

**Environmental Parameters**

- Storage Temperature Range: -40 to 125°C

**Manufacturing Details**

- RoHS Terminations NiAu
- RoHS Reflow Temp 260degC 10s

**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)**



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