



TECHNICAL CRYSTAL (CHINA) LIMITED

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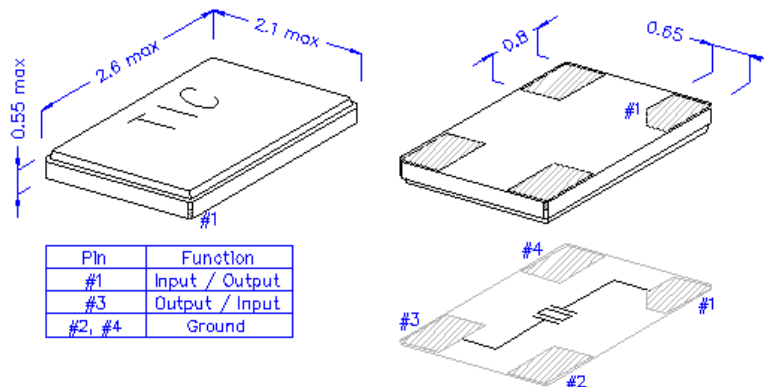
Preview of Crystal SMD (2.5 x 2.0) 4 Pads

Part #: 27M12BDCLCDKA-SM25204

1. GENERAL

- | | |
|----------------------------|------------------------------|
| 1.1 Center Frequency: | 27.120 MHz |
| 1.2 Holder Type: | Crystal SMD (2.5x2.0) 4 pads |
| 1.3 Mode of Oscillation: | Fundamental |
| 1.4 Load Capacitance: | 7 +/-0.2pF |
| 1.5 Operating Temperature: | -10°C to +60°C |
| 1.6 Storage Temperature: | -40°C to +85°C |
| 1.7 Drive Level: | 100μW max |

2. DIMENSION (mm):



3. ELECTRICAL CHARACTERISTICS

This test shall be performed under the conditions of temperature at 25 +/-3°C .

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|----------------------------|-------------------------------------|
| 2.1 Frequency Tolerance: | +/-15ppm |
| 2.2 Frequency Stability: | +/-15ppm at -10°C to +60°C |
| 2.3 Series Resistance: | 100Ω max |
| 2.4 Shunt Capacitance: | 7.0 pF max |
| 2.5 Insulation Resistance: | 500meg. Ω min / DC 100V +/-15V D.C. |
| 2.6 Aging: | +/-5ppm / year |
| 2.7 Measuring Instrument: | 250B PI-Network |