



TECHNICAL CRYSTAL (CHINA) LIMITED

德力高石英(中國)有限公司

Unit 750, Block F, Wah Lok Industrial Centre, 31-35 Shan Mei Street, Fotan, N.T., Hong Kong
香港新界火炭山尾街31-35號華樂工業中心F座7樓50室

Tel: (852) 2688 2033
Fax: (852) 2688 2031
E-mail: tic@tecko.com
<http://www.tecko.com>

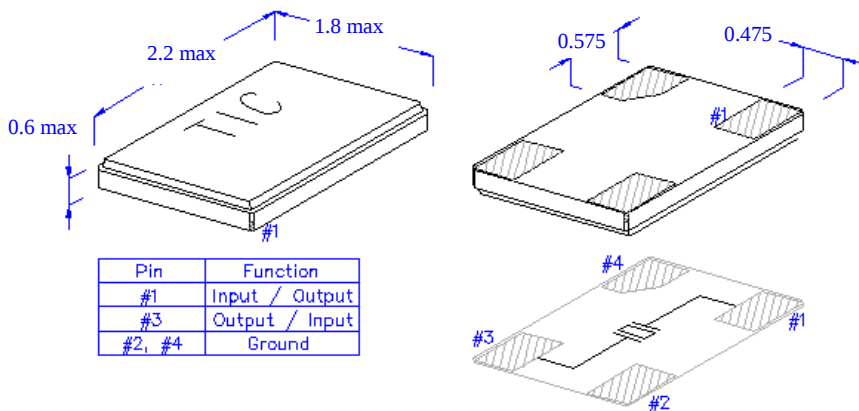
Preview of Crystal SMD (2.0x1.6) 4 Pads

Part #: 16MEKDPHKKA-SM20164

1. GENERAL

- 1.1 Center Frequency: 16.000 MHz
- 1.2 Holder Type: Crystal SMD (2.0x1.6) 4 pads
- 1.3 Mode of Oscillation: Fundamental
- 1.4 Load Capacitance: 12 +/-0.2pF
- 1.5 Operating Temperature: -40°C to +85°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.

- 2.1 Frequency Tolerance: +/-20ppm
- 2.2 Frequency Stability: +/-30ppm
- 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