

Quartz Crystal

SEAM SEALED CERAMIC 5 X 3.2mm Surface Mount Package



Approved by:

Checked by:

Issued by:

SPECIFICATION

P/N: 7I1200000C02MBL

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SEAM SEALED CERAMIC 5 X 3.2mm Surface Mount Package

FEATURE

- Ultra thin, thickness 1.0mm
- Leadless type
- High precision characteristic covering up to high frequency range
- Automatic mounting
- Embossed tapping specification
- Suitable for Reflow soldering

APPLICATIONS

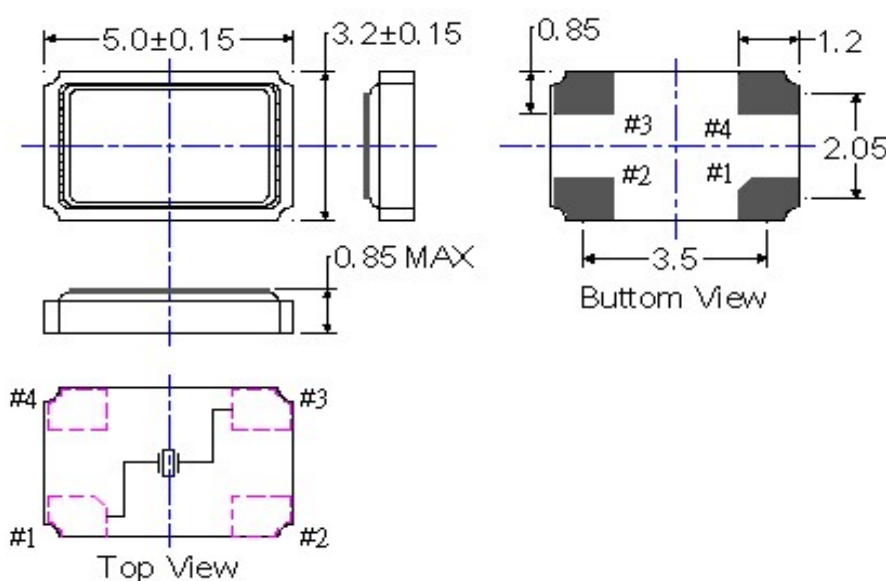
- Ideally suited designed for disc drives, NB, PCs and hand-held electronic products

ELECTRICAL SPECIFICATIONS

Output Frequency Range	12.000MHz
Mode	Fundamental/ AT Cut
Frequency Tolerance (at 25°C)	±20ppm
Frequency Stability Over Operating Temperature Characteristics	±50ppm
Operable Temperature Range	-40 °C to +85 °C
Storage Temperature Range	-55 °C to +105 °C
Shunt Capacitance (C ₀)	5.0 pF Max
Driver Level (Typical)	100μW
Load Capacitance (C _L)	18 pF
Equivalent Series Resistance ESR	60Ω
Aging @25°C 1 st year (Max)	±3ppm/year
Shock Resistance	Drop test of 3 times on 2mm stainless plate from 75cm height

REMARK: SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE. PLEASE CONFIRM WITH OUR SALES ENGINEER.

Dimension



The design, manufacturing process, and specifications of this device are subject to change without notice.

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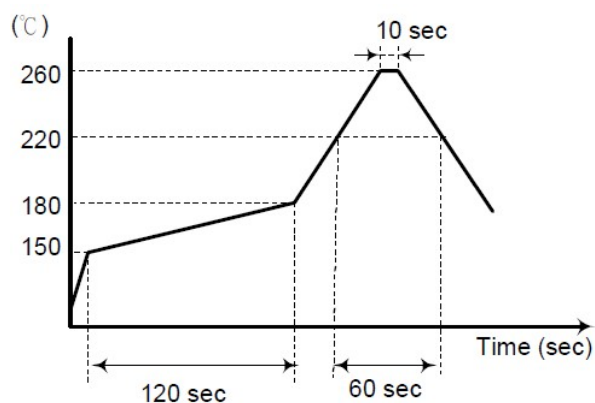
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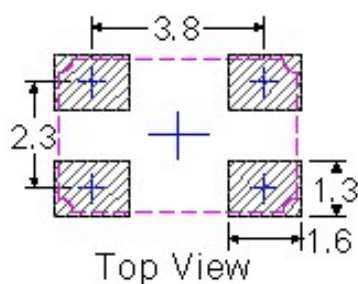
Reflow Condition

Total Time: 200 sec. Max.

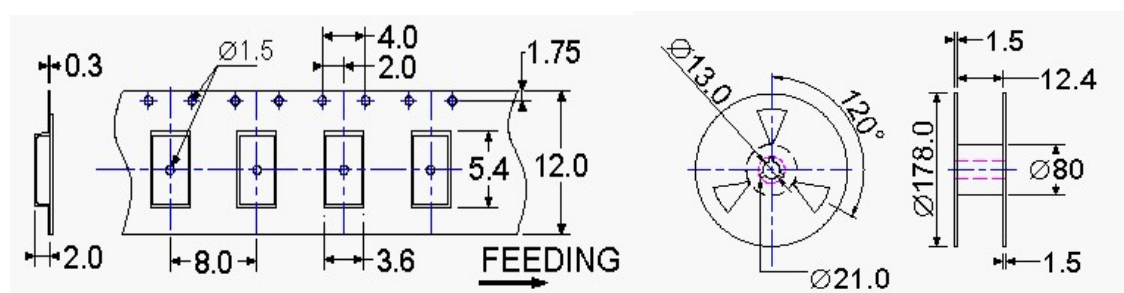
Solder Melting Point :220 °C



Reference Land Pattern



PACKING



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