

Quartz Crystal

GLASS SEALED CERAMIC 5.0 X 3.2mm Surface Mount Package



Approved by:

Checked by:

Issued by:

SPECIFICATION

P/N: 6I0800000C01MBL

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GLASS SEALED CERAMIC 5.0 X 3.2mm Surface Mount Package

FEATURE

- Leadless type
- High precision characteristic covering up to high frequency range
- Automatic mounting
- Embossed taping specification
- Suitable for Reflow soldering

APPLICATIONS

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

ELECTRICAL SPECIFICATIONS

Output Frequency Range	8.000MHz
Mode	Fundamental
Frequency Tolerance (at 25°C)	±30ppm
Frequency Stability Over Operating Temperature Characteristics	±50ppm
Storage Temperature Range	-55 °C to +105 °C
Operable Temperature Range	-40 °C to +85 °C
Shunt Capacitance (C ₀)	5.0 pF Max
Driver Level (Typical)	100μW
Load Capacitance (C _L)	20 pF
Equivalent Series Resistance ESR	100 Ω Max
Aging @25°C 1 st year (Max)	±5ppm/year
Shock Resistance	Drop test of 3 times on 2mm stainless plate from 75cm height

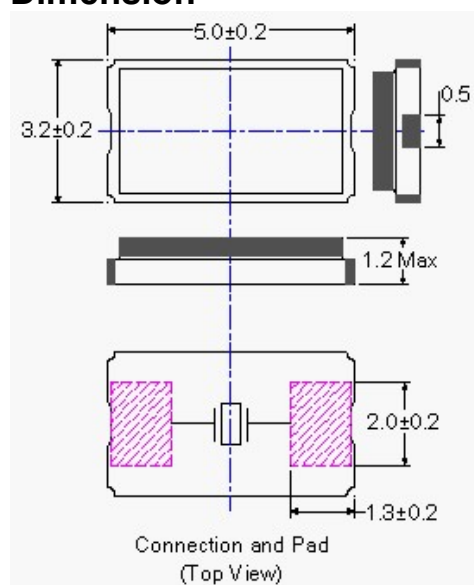
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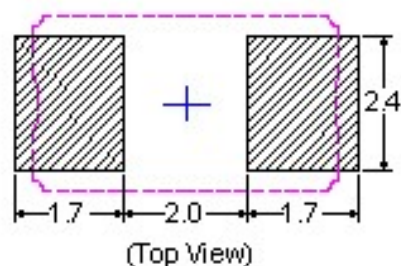
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Dimension



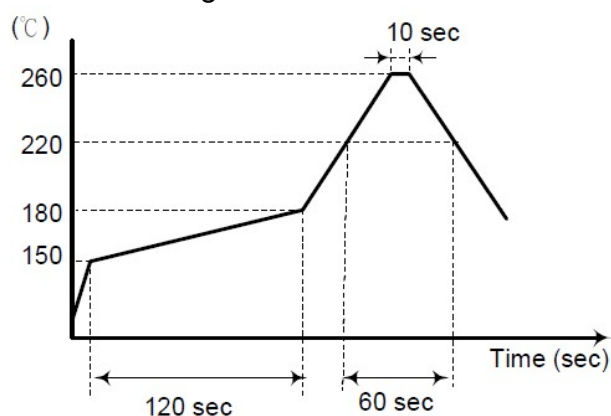
Reference Land Pattern



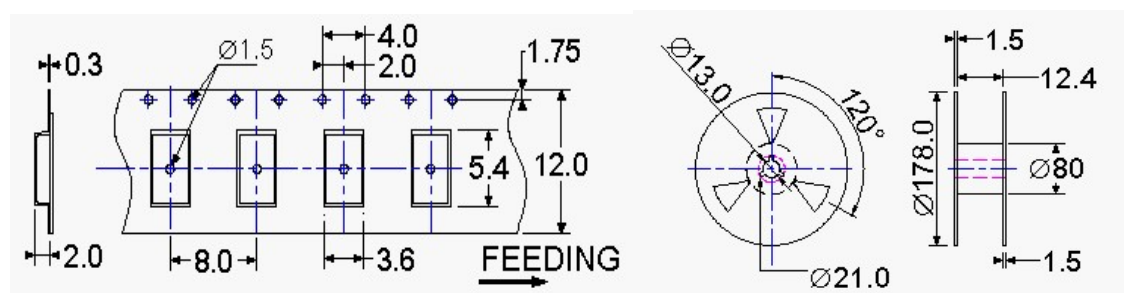
Reflow Condition

Total Time: 200 sec. Max.

Solder Melting Point : 220°C



PACKING



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