

QUARTZ CRYSTAL UNIT

SEAM SEALED CERAMIC 2.0X1.6MM SMD TYPE



Approved by:
Checked by:
Issued by:

SPECIFICATION

P/N: 7F1600000C06MBL

深圳市晶科鑫实业有限公司
SHENZHEN CRYSTAL TECHNOLOGY INDUSTRIAL CO., LTD.

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FEATURE

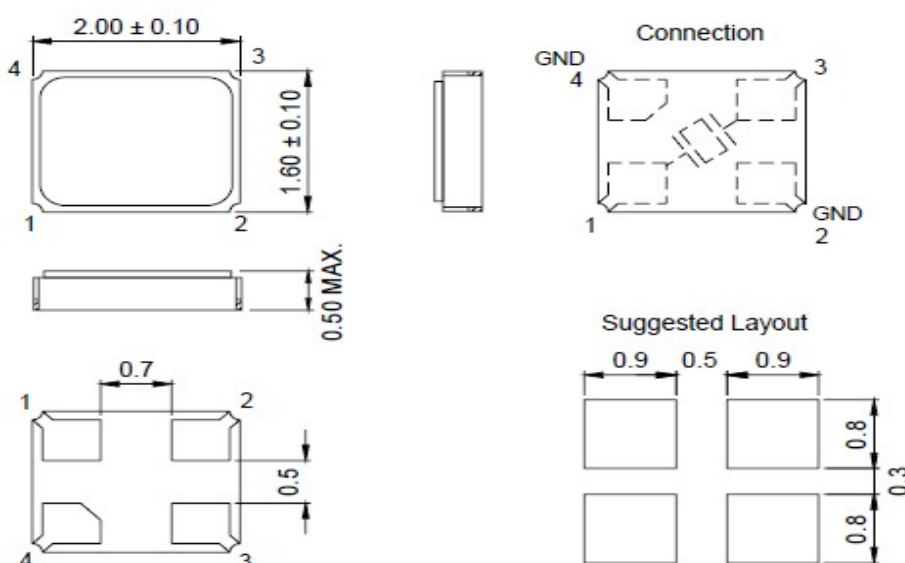
- Ultra thin, thickness 0.5mm
- Leadless type
- High precision characteristic covering up to high frequency range
- Designed for automatic mounting and reflow soldering
- Embossed tapping specification
- The best choice of Bluetooth wireless communication sets, DSN, PDA and mobile phone

ELECTRICAL SPECIFICATIONS

Output Frequency Range	16.000MHz
Mode	AT/Fundamental
Frequency Tolerance (at 25°C)	±20ppm
Frequency Stability Over Operating Temperature Characteristics	±20pm
Operating Temperature Range	-40 °C to +85 °C
Storage Temperature Range	-40 °C to +105 °C
Shunt Capacitance (C ₀)	5.0 pF Max
Driver Level (Typical)	100μW
Load Capacitance (C _L)	10 pF
Equivalent series resistance	150 Ω Max
Aging @25°C 1 st year (Max)	±1ppm/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 (UNIT: mm)



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

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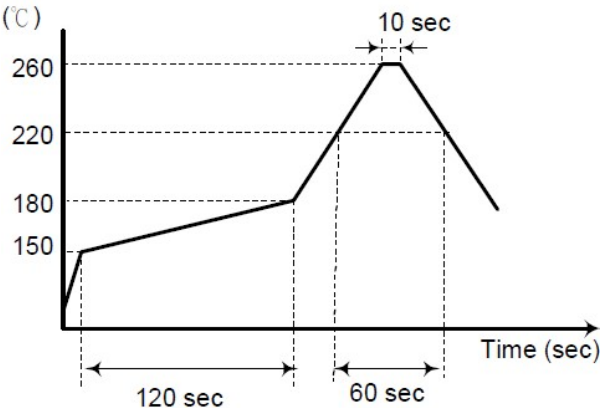
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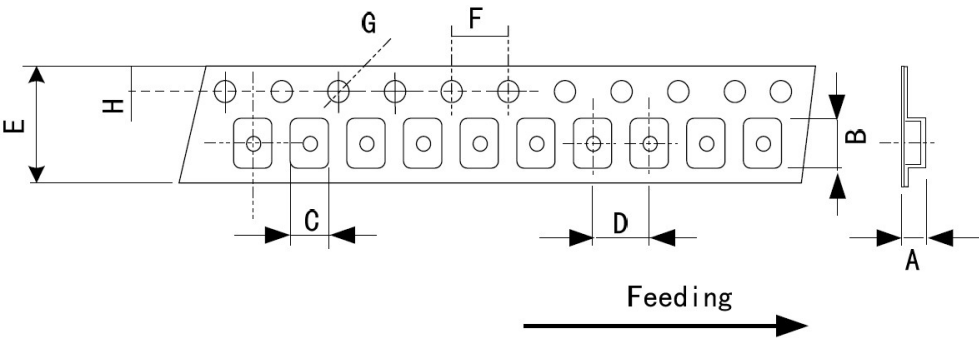
Reflow Condition

Total Time: 200 sec. Max.

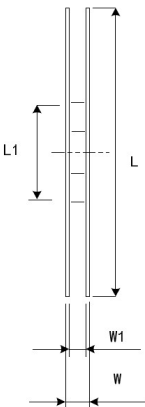
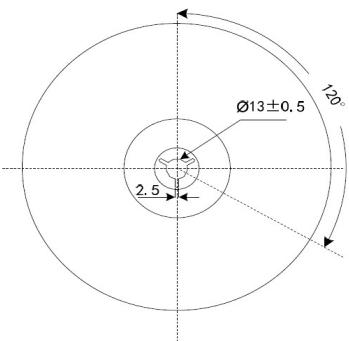
Solder Melting Point :220 °C



PACKING



DIMENSIONS	A	B	C	D	E	F	G	H	(UNIT:mm)
	0.90 ±0.10	2.30 ±0.10	1.90 ±0.10	4.00 ±0.10	8.00 ±0.20	4.00 ±0.10	1.55 ±0.05	1.75 ±0.10	



DIMENSIONS	L	L1	W	W1	Standard Reel Quantity is 3,000 pcs per reel (UNIT:mm)
	178 ±1.00	60.2 ±0.50	11.5 ±0.2	8 +1/-0	

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