

QUARTZ CRYSTAL UNIT

SEAM SEALED CERAMIC 2.0X1.6MM SMD TYPE



Approved by:

Checked by:

Issued by:

SPECIFICATION

P/N: 7F160000EC08GJM

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SHENZHEN CRYSTAL TECHNOLOGY INDUSTRIAL CO., LTD.

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FEATURE

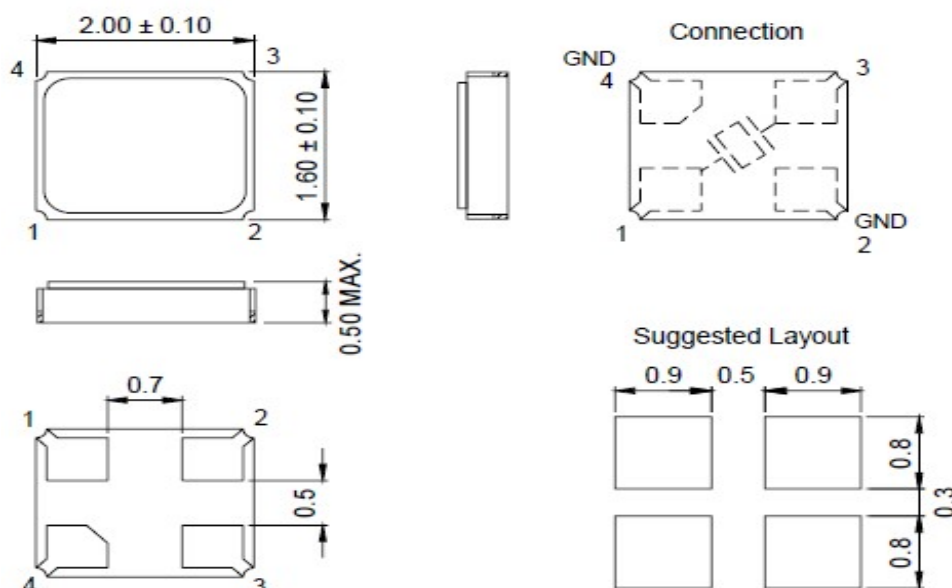
- Ultra thin, thickness 0.5mm
- Leadless type
- High precision characteristic covering up to high frequency range
- Designed for automatic mounting and reflow soldering
- Embossed tapping specification
- The best choice of Bluetooth wireless communication sets, DSN, PDA and mobile phone

ELECTRICAL SPECIFICATIONS

Output Frequency Range	16.000MHz
Mode	AT/Fundamental
Frequency Tolerance (at 25°C)	±10ppm
Frequency Stability Over Operating Temperature Characteristics	±15ppm
Operating 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	100μW Max
Load Capacitance (C _L)	8 pF
Equivalent series resistance	160 Ω Max
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 (UNIT: mm)



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

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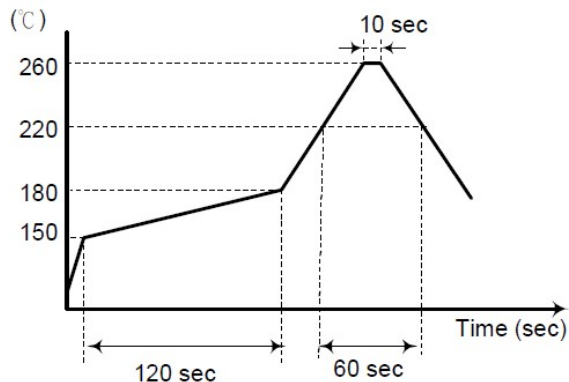
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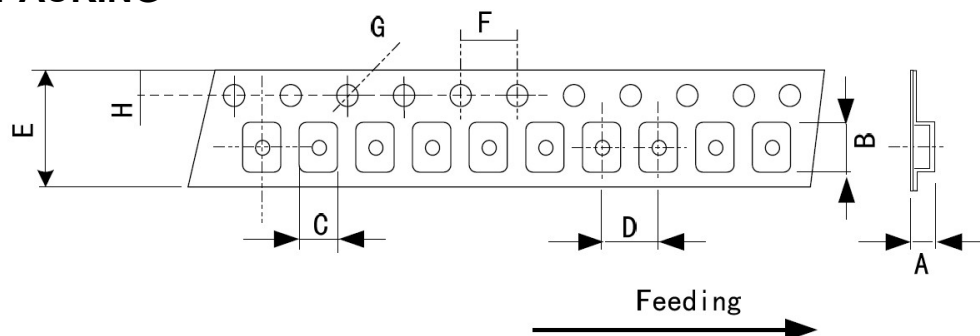
Reflow Condition

Total Time: 200 sec. Max.

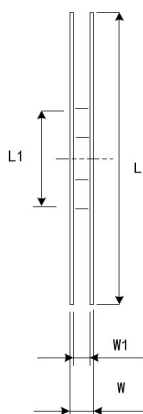
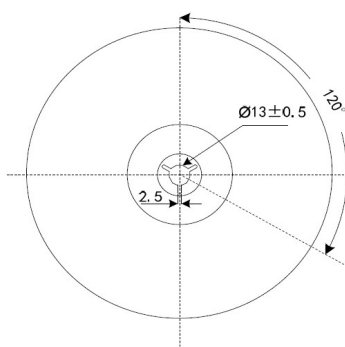
Solder Melting Point :220 °C



PACKING



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



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