## **Quartz Crystal**

SEAM SEALED CERAMIC 6 X 3.5MM Surface Mount Package

Approved by:
Checked by:
Issued by:

## **SPECIFICATION**

SJK-6G2-12.000-20-20-40-F-30

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

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

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#### **FEATURE**

- I Leadless type.
- I Automatic mounting.
- I Rugged AT-cut crystal construction
- I Emboss taping specification.
- I Suitable for solder Reflow.
- Available on tape and reel ,1000pcs per reel

#### **APPLICATIONS**

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

#### **ELECTRICAL SPECIFICATIONS**

Output Frequency Range	12.000MHz	
Mode	Fundamental / AT	
Frequency Tolerance (at 25°C)	±20ppm	
Frequency Stability Over Operating Temperature Characteristics	±30ppm	
Storage Temperature Range	-55 °C to +125 °C	
Operating Temperature Range	-10 °C to + 60 °C	
Shunt Capacitance (C <sub>0</sub> )	5.0 pF Max	
Driver Level (Typical)	10μW	
Load Capacitance(C <sub>L</sub> )	20pF	
Equivalent Series Resistance ESR (Ω)	40 Max (Ω)	
Aging @25°C 1 <sup>st</sup> 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.

## Frequencies and Equivalent Series Resistant

Frequency Range	E.S.R. (Ω)	Mode
8.000 MHz ~ 10.000 MHz	70 Max	Fundamental / AT
10.000 MHz ~ 30.000 MHz	40 Max	Fundamental / AT
30.000 MHz ~ 45.000 MHz	60 Max	Third Overtone / AT
45.000 MHz ~ 80.000 MHz	50 Max	Third Overtone / AT

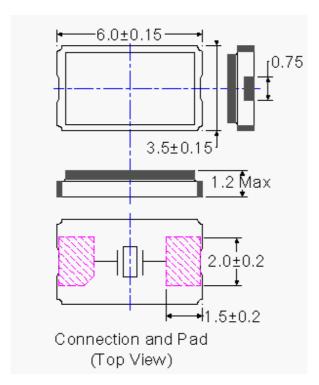
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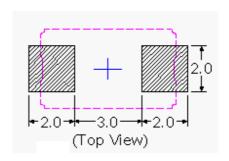
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#### **Dimension**

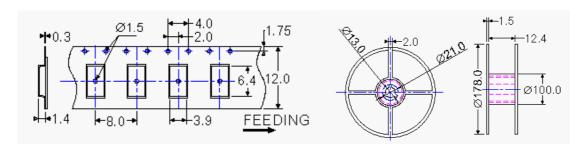


# Low Condition total time: 200 sec max solder melting point: 185°C 240±5°C 150±5°C 120 sec 10 sec.

## Reference Land Pattern



## **PACKING**



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