

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.
- I 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 ₀)	5.0 pF Max
Driver Level (Typical)	10μW
Load Capacitance(C _L)	20pF
Equivalent Series Resistance ESR (Ω)	40 Max (Ω)
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.

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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