

# Quartz Crystal

## SEAM SEALED CERAMIC 6X3.5MM Surface Mount Package



### FEATURE

- Ultra thin, thickness 1.0mm
- Leadless type
- High precision characteristic covering up to high frequency range
- Automatic mounting
- Embossed taping specification
- Suitable for solder reflow



### ELECTRICAL SPECIFICATIONS

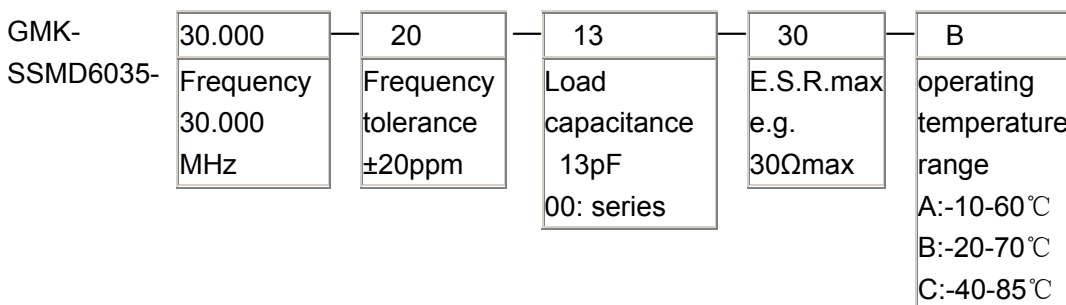
Frequency Range	6.000 MHz ~ 100.000MHz
Mode	See below table
Frequency Tolerance (at 25°C)	±10ppm, ±20ppm, ±30ppm, or specify
Frequency Stability Over Operating Temperature Characteristics	±10ppm, ±20ppm, ±30ppm, or specify
Storage Temperature Range	-55 °C to +125 °C
Operating Temperature Range	-10 °C to + 60 °C , -20 °C to + 70 °C or specify
Shunt Capacitance (C <sub>0</sub> )	3.5 pF Max
Driver Level (Typical)	100μW
Load Capacitance(C <sub>L</sub> )	Series, 16PF, 20 PF, 30 PF, 32 PF, or specify
Equivalent Series Resistance ESR (Ω)	See below table
Aging @25°C 1 <sup>st</sup> year (Max)	±3ppm, ±5ppm/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

### FREQUENCY AND EQUIVALENT SERIES RESISTANT

Frequency MHz	E.S.R. (Ω)	Mode
6.0 00 ~ 10.000	70 Max	Fundamental / AT
10.000 ~ 40.000	40 Max	Fundamental / AT
30.000 ~ 100.000	60 Max	Third Overtone / AT

### PART NUMBERING



Great Marking (HK) Industry Co., Limited.

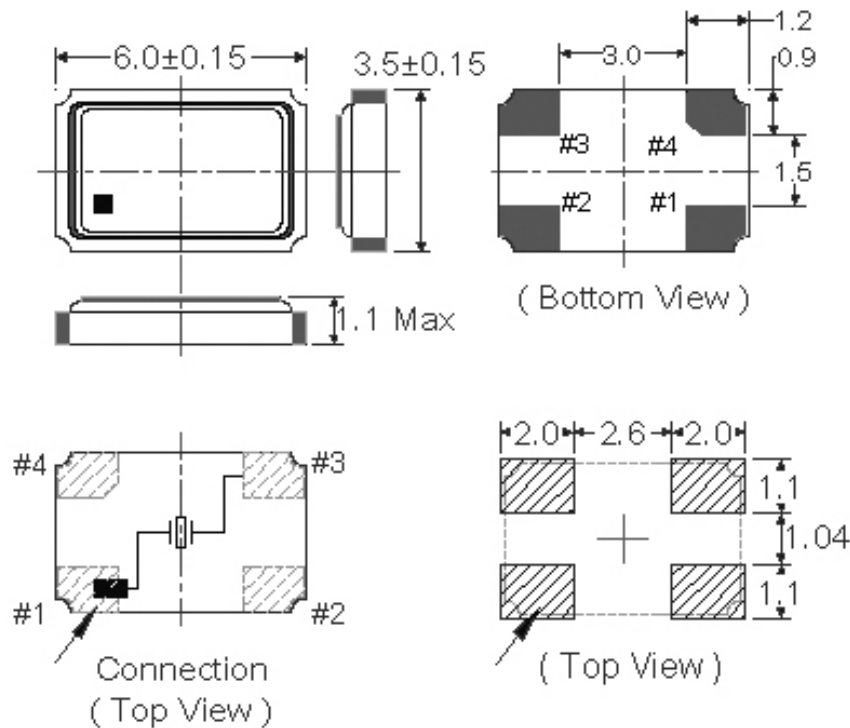
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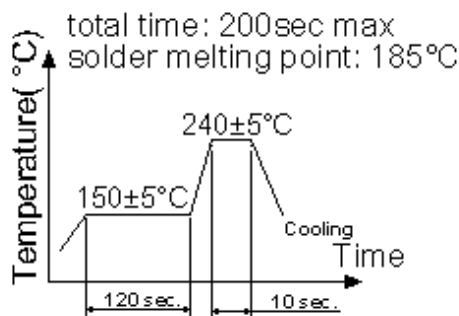
E-mail: sales@greatmarking.com Url: www.greatmarking.com



**DIMENSIONS**



**REFLOW CONDITION**



**PACKING**

