

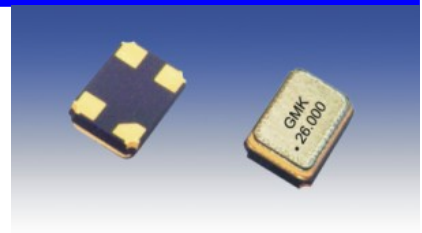
Quartz Crystal

SEAM SEALED CERAMIC 3.2X2.5MM Surface Mount Package



FEATURE

- Ultra thin, thickness 1.0mm
- Leadless type
- High precision characteristic covering up to high frequency range
- Designed for automatic mounting and reflow soldering
- Embossed taping specification
- The best choice of Bluetooth wireless communication sets, DSN, PDA and mobile phone



ELECTRICAL SPECIFICATIONS

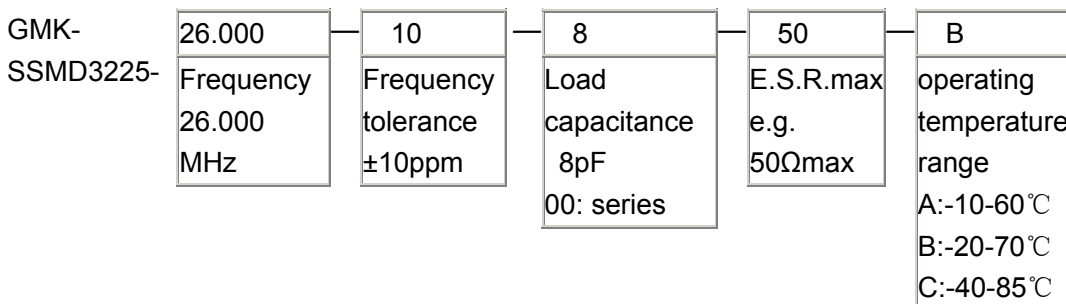
Frequency Range	12.000 MHz ~ 48.000MHz
Mode	See below table
Frequency Tolerance (at 25°C)	±10ppm, ±30ppm, or specify
Frequency Stability Over Operating Temperature Characteristics	±10ppm, ±30ppm, or specify
Operating Temperature Range	-10 °C to +60 °C, -20 °C to +70 °C, -40 °C to +85 °C
Storage Temperature Range	-55 °C to +125 °C
Shunt Capacitance (C ₀)	5.0 Pf Max
Driver Level (Typical)	10μW ~ 100μW
Load Capacitance(C _L)	Series, 16pF, 20pF, 30pF, 32pF, or specify
Equivalent Series Resistance(ESR)	50 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

EQUIVALENT SERIES RESISTANCE (ESR)

Frequency(MHz)	E.S.R. (Ω)	Mode
12.000 ~ 24.000	80 Max	Fundamental / AT
24.000 ~ 48.000	60 Max	Fundamental / AT

PART NUMBERING



Great Marking (HK) Industry Co., Limited.

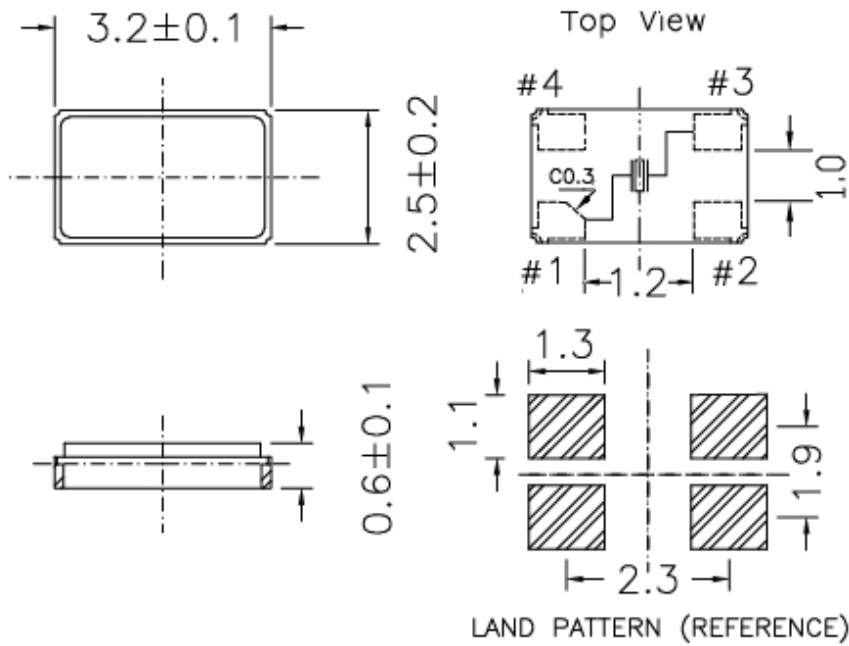
Add: Unit 27EF, the Sky Castle, North of Jingtian, Futian District, Shenzhen 518034 CHINA

Tel: +86-755-83056036 83056901 83056902 Fax: +86-755-83056903

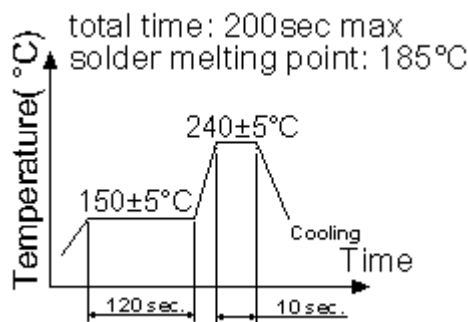
E-mail: sales@greatmarking.com Url: www.greatmarking.com



DIMENSIONS



REFLOW CONDITION



PACKING

