



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



# SMD Seam Sealing Crystals

## 2.0 x 1.6 x 0.5 mm 8Y Series

### Features

- Extremely small SMD type crystal units.
- High precision and high frequency stability.
- Excellent heat resistance and environmental characteristics.
- Applications in PDA, DSC, DVC, PC, etc.
- RoHS Compliant / Pb Free.



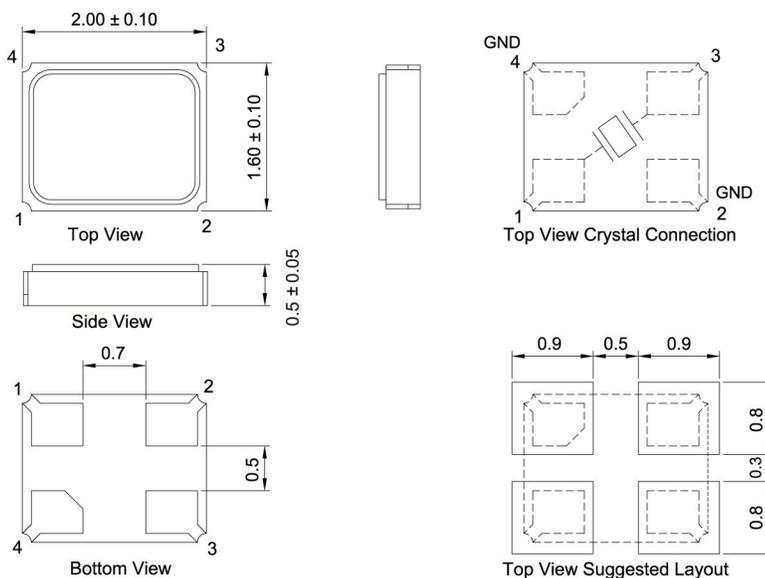
### Electrical Specifications

Item / Type	8Y
Frequency Range	16 ~ 54 MHz
Frequency Tolerance (at 25 °C)	± 10 ppm, or specify
Frequency Stability Over Operating Temperature Range	± 10 ppm, or specify
Operating Temperature Range	-20 ~ + 70 °C, or specify
Shunt Capacitance (C0)	3 pF Max.
Drive Level	1 ~ 200 μW ( 50 μW typical)
Load Capacitance	10 pF, or specify
Aging (at 25 °C)	± 3 ppm / year Max.
Storage Temperature Range	- 40 ~ + 85 °C

### Equivalent Series Resistance(ESR)

Fundamental	
16 ~ 19.2 MHz	200 Ω Max.
19.2 ~ 30 MHz	100 Ω Max.
30 ~ 54 MHz	80 Ω Max.

### Dimensions



Units: mm