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

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Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

SMD
Glass Sealing Crystals
3.2 x 2.5 x 0.8 mm AV Series

Features

- 4 pads SMD glass sealed crystal.
- Applications in wireless communication, DSC and USB interface card.
- Excellent heat resistance and enviromental characteristics.
- Contain Pb in sealing glass exempted by RoHS directive.

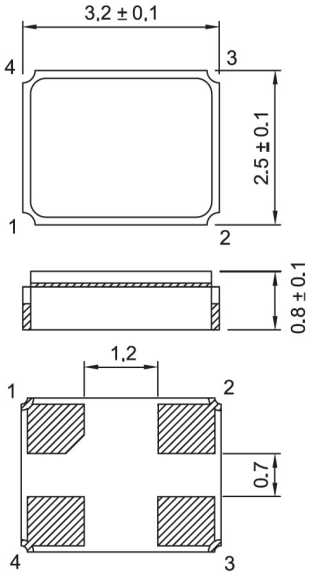
Electrical Specifications

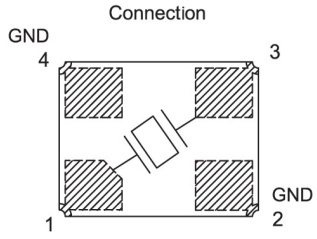
Item / Type	AV
Frequency Range	9.9 ~ 54 MHz
Frequency Tolerance (at 25 °C)	± 30 ppm
Frequency Stability Over Operating Temperature Range	± 50 ppm Max.
Operating Temperature Range	- 40 ~ + 85° C
Shunt Capacitance (C0)	3 pF Max.
Drive Level	10 μW (typical) ; 100 μW (Max.)
Load Capacitance	8 pF, or specify
Aging (at 25 °C)	± 3 ppm / year Max.
Storage Temperature Range	- 40 ~ +105 °C
Raliability Standard	AEC-Q200 VER.C

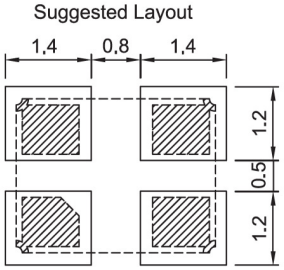
Equivalent Series Resistance(ESR)

Fundamental	
9.9 ~ 12MHz	150 Ω Max.
12 ~ 13MHz	120 Ω Max.
13 ~ 54MHz	60 Ω Max.

Dimensions







Units: mm

Remark : Specification subject to change without prior notice. Please confirm with our sales.