

32.768KHz SMD Crystal X8038



AURUM INTERNATIONAL LTD.



Electrical Specification

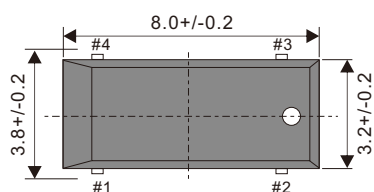
Item	Unit	Specification
Dimensions (L x W x H)	mm	8.0 x 3.8 x 2.5
Nominal Frequency	KHz	32.768
Frequency Tolerance at 25 deg.C	ppm	±20 max. or Specify
Frequency Stability Vs. Temperature	ppm/°C ²	-0.03±0.01
Load Capacitance	pF	6, 7 , 9 , 12.5
Operating Temperature Range	°C	-40 ~ 85
Drive Level	uW	0.1 typ.(0.5 max.)
Shunt Capacitance	pF	1.5 typ.
Aging (First year)	ppm	±3.0 max.

Equivalent Series Resistance(ESR)

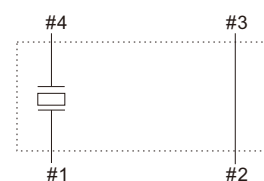
50KΩ max

Mechanical

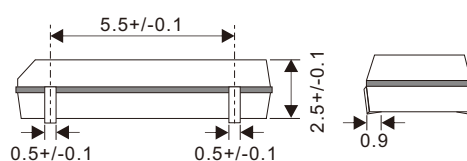
Front View



Internal Connection



Bottom View



Pad Pattern

