

32.768KHz SMD Crystal X2012



AURUM INTERNATIONAL LTD.



Electrical Specification

Item	Unit	Specification
Dimensions (L x W x H)	mm	2.0 x 1.2 x 0.6
Nominal Frequency	KHz	32.768
Frequency Tolerance at 25 deg.C	ppm	±20 max
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	1.2 typ.
Aging (First year)	ppm	±3.0 max.

Equivalent Series Resistance(ESR)

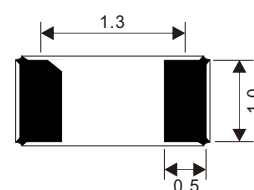
90KΩ max.

Mechanical

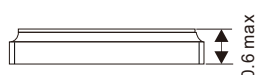
Front View



Bottom View



Side View



Pad Pattern

