

32.768KHz SMD Crystal 8.0x3.8x2.54mm G306 Series



Features

- External dimension: 8.0 x 3.8 x 2.54 mm.
- Application: small portable communication equipment.
- Contains Pb in sealing glass exempted by RoHS directive.



Crystals specifications

ITEMS/TYPE	G306
Nominal Frequency	32.768KHz
Load Capacitance	12.5pF, or specify
Frequency Tolerance (at 25℃)	±10ppm, ±20ppm, or specify
Operating Temperature Range	-40~+85℃, or specify
Parabolic Coefficient (B)	$(-0.03 \pm 0.01) 10^{-6} / ^\circ\text{C}^2$
Motional Capacitance(C1)	3.0fF typical
Shunt Capacitance (C0)	0.9pF typical
Drive Level	1.0μW Max.
Aging (at 25℃)	±3ppm/year Max.
Storage Temperature Range	-55~+125℃

Equivalent Series Resistance(ESR)

Fundamental	
32.768KHz	50KΩ Max.

Dimensions and patterns(unit:mm)

