

32.768KHz SMD Crystal 6.9x1.4x1.3mm G146 Series



Features

- External dimension: 7.0x1.5x1.3mm.
- Application: small portable communication equipment.
- Contains Pb in sealing glass exempted by RoHS directive.



Crystals specifications

| ITEMS/TYPE | G146 |
|-------------------------------|---|
| Nominal Frequency | 32.768KHz |
| Load Capacitance | 7pF, 9pF, 12.5pF, or specify |
| Frequency Tolerance (at 25°C) | ±20ppm, or specify |
| Operating Temperature Range | -40~+85°C, or specify |
| Parabolic Coefficient (B) | $(-0.03 \pm 0.01) \cdot 10^{-6} / ^\circ\text{C}^2$ |
| Motional Capacitance(C1) | 4.65fF typical |
| Shunt Capacitance (C0) | 1.2pF typical |
| Drive Level | 0.5µW Max. |
| Aging (at 25°C) | ±3ppm/year Max. |
| Storage Temperature Range | -55~+125°C |

Equivalent Series Resistance(ESR)

| Fundamental | |
|-------------|-----------|
| 32.768KHz | 65KΩ Max. |

Dimensions and patterns(unit:mm)

