

# SMD Glass Sealing Crystal

## 3.2x2.5x.0.8mm G32 Series



### Features

- 4 pads SMD glass sealed crystal
- High precision and high frequency stability
- Provide clean and stable reference clock to a wide variety of ICs
- Excellent heat resistance and environmental characteristic
- Contain Pb in sealing glass exempted by RoHS directive



### Crystals specifications

ITEMS/TYPE	G32
Frequency Range	11.0592~54MHz
Load Capacitance	20pF, or specify
Frequency Tolerance (at 25°C)	±20ppm, or specify
Frequency Stability Over Operating Temperature Range	±20ppm, or specify
Operating Temperature Range	-40~+85°C, or specify
Drive Level	1~200μW (100μW typical)
Shunt Capacitance (C0)	5pF Max.
Aging (at 25°C)	± 3 ppm / year Max.
Storage Temperature Range	- 40~+125°C

### Equivalent Series Resistance(ESR)

Frequency Range	Mode	ESR.	Frequency Range	Mode	ESR.
11.0592~11.999MHz	uAT,Fundl	120 Ω Max.	20.000~29.999MHz	uAT,Fundl	60 Ω Max
12.000-15.999MHz	uAT,Fundl	100 Ω Max.	30.000~39.999MHz	uAT,Fundl	40 Ω Max
16.000-19.999MHz	uAT,Fundl	80 Ω Max.	40.000~54.000MHz	uAT,Fundl	30 Ω Max

### Dimensions and patterns(unit:mm)

