## SMD Glass Sealing Crystals 5.0x3.2x1.2mm G53 Series



## **Features**

- > 2 pads SMD glass sealed crystal units.
- > High reliable environmental performance.
- > Tight tolerance and stability parts are available.
- > Designed for automatic mounting and reflow soldering.
- > Reasonable cost and good delivery performance.
- > Contains Pb in sealing glass exempted by RoHS directive.



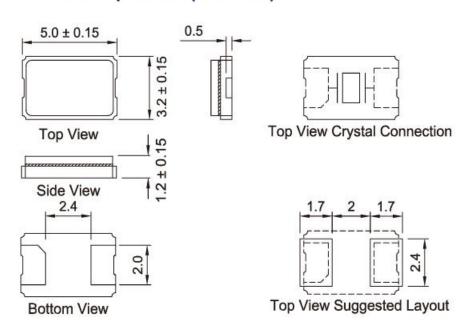
Crystals specifications	
ITEMS/TYPE	G53
Frequency Range	8~54MHz
Load Capacitance	20pF, or specify
Frequency Tolerance (at 25℃)	±20ppm, or specify
Frequency Stability Over Operating Temperature Range	±20ppm, or specify
Operating Temperature Range	-40∼+85℃, or specify
Drive Level	1~200μW (100μW typical)
Shunt Capacitance (C0)	5 pF Max.
Aging (at 25℃)	± 3 ppm / year Max.
Storage Temperature Range	- 40~+85°C

## **Equivalent Series Resistance(ESR)**

Packing Unit

Fundamental	
8~10MHz	120 Ω Max.
10~16MHz	100 Ω Max.
16~54MHz	60 Ω Max.

## **Dimensions and patterns(unit:mm)**





1,000pcs/Reel

Units: mm