

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°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)	5 pF Max.
Aging (at 25°C)	± 3 ppm / year Max.
Storage Temperature Range	- 40~+85°C
Packing Unit	1,000pcs/Reel

Equivalent Series Resistance(ESR)

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

Dimensions and patterns(unit:mm)

