

SMD Glass Sealing Crystals

5.0x3.2x1.2mm AG53 Series



Features

- Compact glass sealed SMD crystal units.
- Wide operating temperature range.
- Superior and reliable performance in harsh environment.
- Contains Pb in sealing glass exempted by Rohs directive.



Crystals specifications

ITEMS/TYPE	AG53
Frequency Range	8~54MHz
Load Capacitance	12pF, or specify
Frequency Tolerance (at 25°C)	±30ppm, or specify
Frequency Stability Over Operating Temperature Range	±150ppm, or specify
Operating Temperature Range	-40~+85°C, or specify
Drive Level	10μW typical / 300μW Max.
Shunt Capacitance (C0)	5pF Max.
Aging (at 25°C)	± 3 ppm / year Max.
Storage Temperature Range	-40 ~ +150°C
Reliability Standard	AEC-Q200
Packing Unit	1,000pcs/Reel

Equivalent Series Resistance(ESR)

Fundamental	
8~12MHz	150 Ω Max.
12~20MHz	100 Ω Max.
20~54MHz	50 Ω Max.

Dimensions and patterns(unit:mm)

