

## S3225 SMD Type Crystal

### Features

Ultrathin thickness 0.8mm.

It is a completely sealed type with a metal case sealed on a ceramic board.

Automatic mounting is possible.

Low impedance performance.

Reflow is possible.

RoHS compliant and lead free

Frequency Range 频率范围	10.00MHz ~ 156.25MHz
Mode of Oscillation 振荡模式	10.00MHz ~ 60.000MHz Fundamental
	60.000MHz~156.25MHz Third Overtone
Frequency Tolerance at 25°C 频率公差	±10ppm, ±30ppm, or specify
Frequency Stability Over Temperature 频率温度公差	±10ppm, ±30ppm, or specify
Operating Temperature Range 工作温度	-10 ~ +60°C standard, or -40 ~ +85°C Extended
Storage Temperature Range 储存温度	-55 ~ +105°C
Aging 老化特性	± 2ppm / year, ± 5ppm / year
Load Capacitance 负载电容	8pf, 12pf, or specify
Equivalent Series Resistance (ESR) 等效电阻	See Table
Shunt Capacitance 静态电容	5.0pf Max
Drive Level 驱动功率	200µW Max
Reflow Conditions 回流焊条件	260°C For 10s Max, 2 Reflows Max

Resistance of Series Resonance (ESR) 等效电阻		
Frequency (MHz)	Mode	ESR
10.000	Fundamental	150 ohms max.
11.000 ~ 11.900	Fundamental	120 ohms max.
12.000 ~ 12.900	Fundamental	100 ohms max.
13.000 ~ 15.900	Fundamental	80 ohms max.
16.000 ~ 20.900	Fundamental	70 ohms max.
21.000 ~ 29.900	Fundamental	60 ohms max.
30.000 ~ 60.000	Fundamental	50 ohms max.
60.000 ~ 156.25	3rd	100 ohms max.

