

## S2520 SMD Type Crystal

### Features

Ultrathin thickness 0.55mm.

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

Automatic mounting is possible.

Reflow is possible.

RoHS compliant and lead free.

Frequency Range 频率范围	12.000MHz ~ 80.000MHz
Mode of Oscillation 振荡模式	Fundamental
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
Aging 老化特性	± 2ppm / year, ± 5ppm / year
Load Capacitance 负载电容	9pf, 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	100µW Max
Reflow Conditions 回流焊条件	260°C For 10s Max, 2 Reflows Max

Frequency (MHz)	Mode	ESR
12.000 ~ 15.000	Fundamental	180 ohms max.
16.000 ~ 20.000	Fundamental	150 ohms max.
21.000 ~ 30.000	Fundamental	100 ohms max.
31.000 ~ 80.000	Fundamental	60 ohms max.

