

## S1612 SMD Type Crystal

### Features

Ultrathin thickness 0.35mm.

Automatic mounting is possible.

Reflow is possible.

RoHS compliant and lead free.

|   |   |
|---|---|
| Frequency Range 频率范围                        | 26.000MHz ~ 60.000MHz                         |
| Mode of Oscillation 振荡模式                    | Fundamental                                   |
| Frequency Tolerance at 25°C 频率公差            | ±15ppm, ±30ppm, or specify                    |
| Frequency Stability Over Temperature 频率温度公差 | ±15ppm, ±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                       | 8pf, 10pf, 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                            | 50µW 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           |
| 26.000 ~ 40.000                           | Fundamental | 150 ohms max. |
| 41.000 ~ 60.000                           | Fundamental | 100 ohms max. |

