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ICS 31.140
CCS L21

NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 12273.6-2026

Quartz crystal units of assessed quality - Part 6: Crystal units with thermistors

有质量评定的石英晶体元件 第6部分：有热敏电阻的晶体元件

(English Translation)

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Foreword

GB/T 12273.6-2026 is a recommended national standard (GB/T) of the People's Republic of China, issued on 28 September 2026 by the State Administration for Market Regulation and the Standardization Administration of China, with effect from 1 April 2027.

The document adopts an international standard (ISO or IEC).

It is under the responsibility of the Ministry of Industry and Information Technology (Electronics).

Classification: ICS 31.140; CCS L21.

1 Scope

This part of the series on quartz crystal units of assessed quality deals with crystal units that include thermistors. A thermistor built into the unit allows temperature sensing close to the crystal, which is useful in temperature compensated frequency control. The standard adopts an international standard.

The document is relevant to crystal manufacturers, oscillator designers, electronic component distributors, quality assurance teams and procurement engineers who deal with assessed quality components. As Part 6, it is intended to be read in context with the rest of the series, which covers other kinds of crystal units.

It is a recommended national standard (GB/T), so it is voluntary unless a contract calls for it. Because the standard belongs to a quality assessment framework, it may be referred to in supply agreements between component makers and equipment manufacturers, including foreign buyers sourcing crystal units from China. It becomes effective on 1 April 2027.

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