

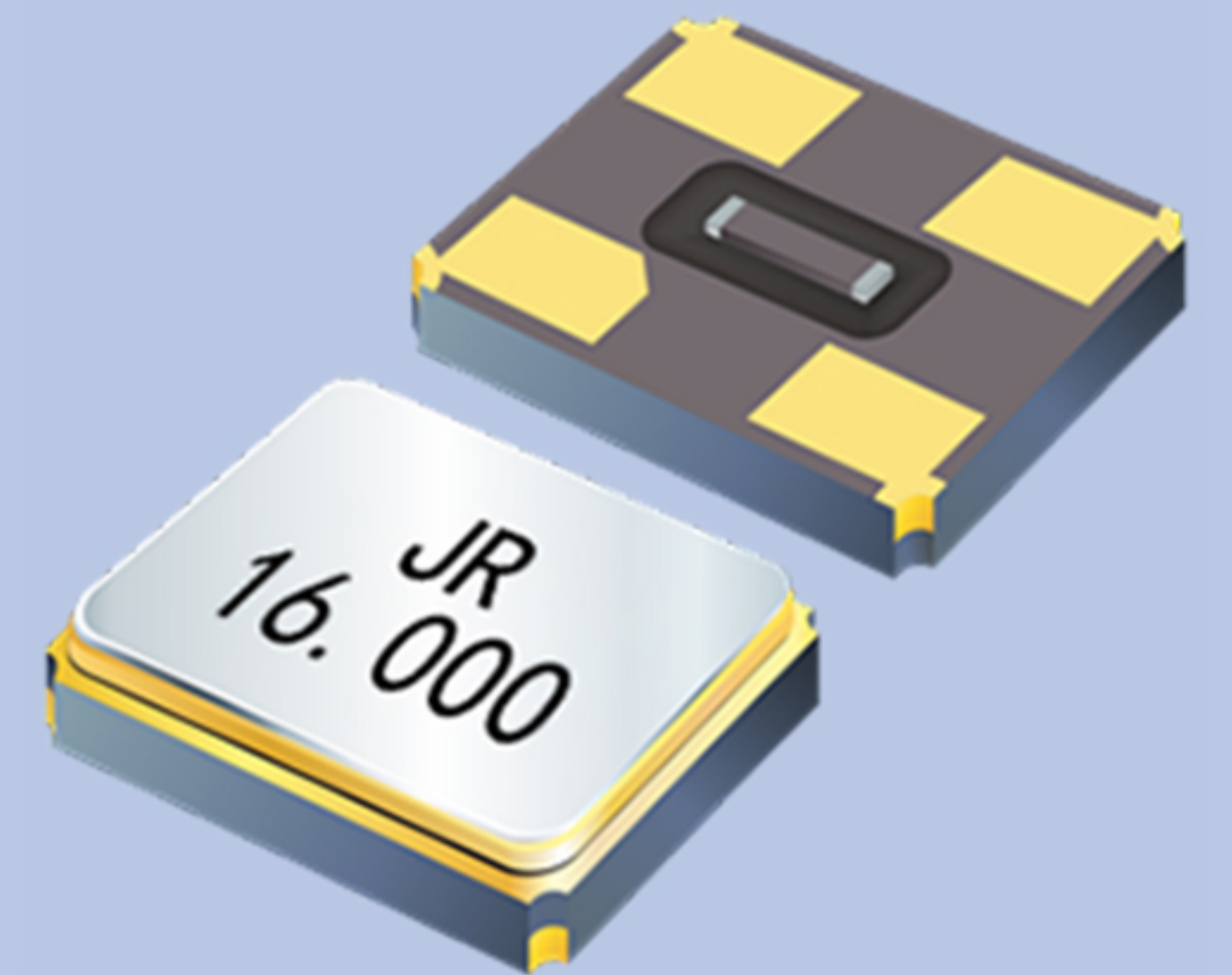
# Thermosensitive crystal 2520 2.5x2.0x1.0mm

## Applications

- Mobile Communications

## Features

- Excellent Reliability Characteristics Such as Heat and Mechanical Shock
- Pb-free and Satisfy ROHS Requirements



## Electrical Specifications

Item	Specifications
Output Frequency Range 额定频率范围	12~54MHz
Operating Temperature Range 工作温度	-30~ +85°C, or specify
Storage Temperature Range 储存温度	-40~+85°C
Frequency Tolerance (at 25°C) 频率偏差	±10ppm, or specify
Frequency temperature characteristics 频率-温度特性	±10ppm, or specify
Shunt Capacitance (C0) 静态电容	3pF Max
Drive Level 激励电平	1~200uW (50uw typical)
Load Capacitance 负载电容	8pF, 10pF, 12pF, or specify
Aging (at 25°C) 老化率	± 3ppm / first year Max
Thermistor Resistance (at 25°C) 热敏电阻	100KΩ ±1%
Thermistor B-constant (25~50°C) 热敏电阻B常数	4250KΩ+1%

## Equivalent Series Resistance(等效串联电阻ESR)

Frequency Range	ESR
12~13MHz	150Ω Max
14~30MHz	100Ω Max
30~54MHz	60Ω Max

## Dimensions and Recommended land pattern(外观尺寸及推荐焊盘)

Dimensions	Recommended Land Pattern										
	<table border="1"> <thead> <tr> <th>Pin</th> <th>FUNCTION</th> </tr> </thead> <tbody> <tr> <td>#1</td> <td>XTAL Terminal 1</td> </tr> <tr> <td>#2</td> <td>Thermistor Terminal 2</td> </tr> <tr> <td>#3</td> <td>XTAL Terminal 2</td> </tr> <tr> <td>#4</td> <td>Thermistor Terminal 1</td> </tr> </tbody> </table>	Pin	FUNCTION	#1	XTAL Terminal 1	#2	Thermistor Terminal 2	#3	XTAL Terminal 2	#4	Thermistor Terminal 1
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