



**THE DATASHEET OF  
XRCGB30M000F3M00R0**



## ● Part Numbering

### Crystal Unit

(Part Number)

<b>XR</b>	<b>C</b>	<b>GB</b>	<b>24M000</b>	<b>F</b>	<b>0</b>	<b>L</b>	<b>00</b>	<b>R0</b>
①	②	③	④	⑤	⑥	⑦	⑧	⑨

#### ① Product ID

Product ID	
<b>XR</b>	Crystal Unit

#### ② Lead Style

Code	Lead Style
<b>C/T</b>	SMD

#### ③ Size · Structure

Code	Size · Structure
<b>ED</b>	1210 (STD) Metal Sealing
<b>FD</b>	1612 (STD) Metal Sealing
<b>MD</b>	1612 (Low Profile) Metal Sealing
<b>GB</b>	2016 (STD) Resin Sealing
<b>PB</b>	2016 (Low Profile) Resin Sealing
<b>HA</b>	2520 Resin Sealing
<b>HH</b>	2520 Metal Sealing
<b>HJ</b>	2520 Seam Sealing
<b>JH</b>	3225 Metal Sealing
<b>JK</b>	3225 Seam Sealing
<b>LH</b>	5032 Metal Sealing
<b>LK</b>	5032 Seam Sealing

#### ④ Nominal Center Frequency

Expressed by six-digit alphanumeric. The unit is in hertz (Hz).  
Decimal point is expressed by capital letter "M".

#### ⑤ Overtone Order

Code	Overtone Order
<b>F</b>	Fundamental
<b>K</b>	Customized Fundamental

#### ⑥ Frequency Tolerance

Code	Frequency Tolerance
<b>0</b>	±100ppm
<b>1</b>	±10ppm
<b>2</b>	±20ppm
<b>3</b>	±30ppm
<b>4</b>	±45ppm/±40ppm* <sup>1</sup>
<b>5</b>	±50ppm
<b>A</b>	±25ppm/±15ppm* <sup>2</sup>
<b>Y</b>	Total* <sup>3</sup> ±20ppm

\*1 \*2 When ⑤ is "HH" or "JK"

\*3 Including Initial Tolerance+Temperature Characteristics+Aging+Reflow

#### ⑦ Frequency Shift by Temperature

Code	Frequency Shift by Temperature
<b>A</b>	±100ppm max. (Automotive Grade)
<b>G</b>	±50ppm (Car Multimedia Grade)
<b>L</b>	±50ppm min.
<b>M</b>	±40ppm
<b>N</b>	±25ppm or 30ppm
<b>P</b>	±20ppm
<b>H/Q</b>	±10ppm to ±15ppm/±10ppm to ±19ppm* <sup>1</sup>
<b>Z</b>	±100ppm (for Industrial)

\*1 When ⑤ is "HH" or "JK"

#### ⑧ Individual Specification

Code	
<b>**</b>	Two-digit alphanumerics express Individual Specification.

**00**: Standard specification type.

⑨ Packaging (Quantity and Plastic taping reel diameter are expressed by one-digit number in "\*\*")

Code	Packaging
<b>R*/E*/J*/P*</b>	Plastic Taping

## Looking for pricing, stock, or lifecycle information?

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