

● Part Numbering

Crystal Unit

(Part Number)

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

① Product ID

Product ID	
XR	Crystal Unit
XH	Crystal + Thermistor

② Lead Style

Code	Lead Style
C/T	SMD

③ Structure/Size

Code	Structure/Size
GB	Cap Chip Type/2016 (STD)
HA	Cap Chip Type/2520 (STD)
PB	Cap Chip Type/2016 (Low Profile)
GD	Cap Chip Type/Au-Sn sealing/2016
FD	Cap Chip Type/Au-Sn sealing/1612 (STD)
MD	Cap Chip Type/Au-Sn sealing/1612 (Low Profile)

④ Nominal Center Frequency

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

⑤ Overtone Order

Code	Overtone Order
F	Fundamental
K	Customized Fundamental

⑥ Frequency Tolerance

Code	Frequency Tolerance
0	±100ppm
2	±20ppm
3	±30ppm
4	±45ppm
A	±25ppm

⑦ Frequency Shift by Temperature

Code	Frequency Shift by Temperature
A	±100ppm (Automotive Grade)
L	±50ppm or 100ppm
M	±40ppm
N	±25ppm or 30ppm
P	±20ppm

⑧ Individual Specification

Code	
**	Two-digit alphanumeric express Individual Specification.

00: Standard specification type.

⑨ Packaging

Code	Packaging
R0	Plastic Taping ø180mm
R1	Plastic Taping ø330mm