

## ● Part Numbering

### CERALOCK® (MHz)

(Part Number)

CS	T	CE	16M0	V	5	3	***	-R0
①	②	③	④	⑤	⑥	⑦	⑧	⑨

#### ① Product ID

Product ID	
CS	Ceramic Resonators

#### ② Frequency/Capacitance

Code	Frequency/Capacitance
A	MHz with No Capacitance Built-in
T	MHz with Built-in Capacitance

#### ③ Structure/Size

Code	Structure/Size
LS	Round Lead Type
CC	Cap Chip Type
CR/CE/CG/CN/CM	Small-cap Chip Type
CV	Monolithic Chip Type
CW	Small Monolithic Chip Type

#### ④ Nominal Center Frequency

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

#### ⑤ Design

Code	Design
G□□	Thickness Shear mode
T/V□□	Thickness Expander mode
X□□	Thickness Expander mode (3rd overtone)

□□ indicates initial frequency tolerance and load capacity.

#### ⑥ Initial Frequency Tolerance

Code	Initial Frequency Tolerance
5	±0.5%
3	±0.3%
2	±0.2%
1	±0.1%
H	±0.07%

#### ⑦ Load Capacity

Code	Load Capacity
1	5/6pF
2	10pF
3	15pF
4	22pF
5	30/33/39pF
6	47pF

#### ⑧ Individual Specification

Code	Individual Specification
***	Three-digit alphanumerics express "Individual Specification."

With standard products, "⑧ Individual Specification" and "⑨ Packaging" is omitted.

#### ⑨ Packaging

Code	Packaging
-B0	Bulk
-A0	Radial Taping H <sub>0</sub> =18mm
-R0/*R0	Plastic Taping ø=180mm
-R1	Plastic Taping ø=330mm

- Radial taping is applied to lead type and plastic taping to chip type.
- In case of CSACN and CSACM series, the hyphen "-" is replaced to a figure which means frequency rank. This figure zero "0" signifies standard part number.