

## ● Part Numbering

### CERALOCK® (MHz)

(Global Part Number) 

CS	T	CV	16M0	X53	***	-R0
①	②	③	④	⑤	⑥	⑦

#### ①Product ID

Product ID	
CS	Ceramic Resonators

#### ②Frequency/Capacitance

Code	Frequency/Capacitance
A	MHz No capacitance built-in
T	MHz Built-in Capacitance

#### ③Structure/Size

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

#### ④Nominal Center Frequency

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

#### ⑤Design

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

□□ indicates initial frequency tolerance and load capacity.

### CERALOCK® (kHz)

(Global Part Number) 

CS	B	FB	1M00	J58	***	-R1
①	②	③	④	⑤	⑥	⑦

#### ①Product ID

Product ID	
CS	Ceramic Resonators

#### ②Frequency/Capacitance

Code	Frequency/Capacitance
B	kHz No capacitance built-in

#### ③Structure/Size

Code	Structure/Size
LA	Two-Terminal Lead Type
FB	SMD Type

#### ④Nominal Center Frequency

Expressed by four-digit alphanumerics. The unit is in hertz (Hz).  
Capital letter "K" following three figures expresses the unit of "kHz".

#### ⑥Individual Specification

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

With standard products, "⑥Individual Specification" is omitted, and "⑦Package Specification Code" is carried up.

#### ⑦Packaging

Code	Packaging
-B0	Bulk
-A0	Radial Taping H <sub>0</sub> =18mm
-A1	Radial Taping H <sub>0</sub> =16mm
-R0	Plastic Taping ø=180mm
-R1	Plastic Taping ø=330mm

Radial taping is applied to lead type and plastic taping to chip type.

#### ⑤Design

Code	Design
E□□	Area Expansion mode
J□□	Area Expansion mode (Closed Type)

□□ indicates initial frequency tolerance and load capacitance.

#### ⑥Individual Specification

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

With standard products, "⑥Individual Specification" is omitted, and "⑦Package Specification Code" is carried up.

#### ⑦Packaging

Code	Packaging
-B0	Bulk
-R1	Plastic Taping ø=330mm