

## ● Part Numbering

### Ceramic Discriminators for IF (kHz)

(Part Number) 

CD	B	LB	450K	C	A	X	16	-B0
①	②	③	④	⑤	⑥	⑦	⑧	⑨

#### ① Product ID

Product ID	
CD	Ceramic Discriminators

#### ② Oscillating

Code	Oscillating
B	Area Expansion mode

#### ③ Structure/Size

Code	Structure/Size
C□/K□	Chip Type
L□	Lead Type

□ is "A" or subsequent code, which indicates the size. It varies depending on vibration mode and number of elements.

#### ④ Nominal Center Frequency

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

#### ⑤ Detection

Code	Detection
C	Quadrature Detection

### Ceramic Discriminators for IF (MHz)

(Part Number) 

CD	S	CB	10M7	GF	001	-R0
①	②	③	④	⑤	⑥	⑦

#### ① Product ID

Product ID	
CD	Discriminators

#### ② Oscillation

Code	Oscillation
S	Thickness Shear mode

#### ③ Structure/Size

Code	Structure/Size
C□	Chip Type

□ is expressed "A" or subsequent code, which indicates the size.

#### ④ Nominal Center Frequency

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

#### ⑥ Application

Code	Application
A	Standard
L	Application with coil

#### ⑦ Element Type

Code	Element Type
X	Low-capacitance
Y	High-capacitance

#### ⑧ IC

Code	IC
16	Applicable IC Control code

#### ⑨ Packaging

Code	Packaging
-B0	Bulk
-R0	Embossed Taping $\phi=180\text{mm}$
-R1	Embossed Taping $\phi=330\text{mm}$

Embossed taping is applied to chip type. With non-standard products, one letter indicating "Individual Specification" is added between "⑧ Applicable IC" and "⑨ Package Specification code."

#### ⑤ Product Specification

Code	Product Specification
GF	Two-digit alphanumerics express type, center frequency, rank, others

#### ⑥ IC

Code	IC
001	Applicable IC Control Code

#### ⑦ Packaging

Code	Packaging
-R0	Embossed Taping $\phi=180\text{mm}$

With non-standard products, an alphanumerics indicating "Individual Specification" is added between "⑥ IC" and "⑦ Packaging."