

1-July-14

Citizen Finetech Miyota Co., Ltd.

Sales Department

Tel : +81-267-31-1111

Dear Valued Customers,

NOTIFICATION OF PART NUMBERING SYSTEM UNIFICATION

Thank you very much for your continual support for our crystal devices.

We have been received numerous inquiries attributable to difference between our PART NUMBERING SYSTEM (Manufacturer's part number) which is to be referred to for your ordering and description on our bar-code label.

To solve the problem, our PART NUMBERING SYSTEM will be unified as follows.

Your understanding and cooperation on this matter would be highly appreciated.

e.g.

CFS20632.768KDZF-UB (Before) / CFS-20632768DZFB (After)

HCM49-24.000MABJ-UT (Before) / HCM4924000000ABJT (After)

*Both parts are the same in specification.

Model to be affected : All models in mass-production as of July 2014
Changed contents : Refer to attached document or PART NUMBERING SYSTEM on our website
URL : http://cfm.citizen.co.jp/english/product/cvo_pns0.html
Effective date of change : Sequential application from shipment in October 2014

*There is no change in product feature or quality.

Should you have any questions related to this matter, please don't hesitate to contact our representatives, or send your inquiry through our website below.

URL : https://form.citizen.co.jp/cfm_e/inquiry/index.php

Sincerely,

Change : Below CITIZEN P/N (red color) in bar-code label

Customer P/N (3N) 1 : CM315D32768DZFT 3000

RoHS



Lot No (1T) : 23861



CITIZEN P/N (1P) : CM315D32768DZFT



Ctl No (2P) : JL3700-08D

QTY (Q) : 3000



D/C (9D) : 1214



C/T (4T) : CN



CITIZEN CM315D

EIAJ C-3

• Example Part Number

CM315D

32 768

D Z F T

- XXX

Model

CFS-206
 CFS-145
 CFY-206
 CMR200T
 CMJ206T
 CM200C
 CM250C
 CM519
 CM415
CM315D
 CM130

Frequency

Please mention numeral of the frequency in Hz unit.

Frequency deviation (at 25°C)

Standard specification shall differ subject to frequency.

- A +/-30ppm (STD)
- B +/-50ppm
- C +/-100ppm
- D +/-20ppm (STD) 32.768KHz
- E +/-10ppm
- F +/-15ppm
- G +/-25ppm
- H +/-5ppm
- Z others

CTZ management code

It is a number to be assigned by CTZ after inquiry from a customer.

Package specification

- T Tape and Reel (Standard package unit)
- B Bulk (Without taping/ Bulk Package)

Load capacitance (CL)

- | | |
|----------------|----------|
| A Series | G 13.0pF |
| B 6.0pF | Q 10.0pF |
| C 9.0pF (STD) | S 11.0pF |
| D 9.5pF | V 8.0pF |
| E 12.0pF | Y 7.0pF |
| F 12.5pF (STD) | Z others |

Frequency-temperature characteristic (at operating temperature range)

- Z Standard spec only

CS325S 20 000 000 A A J T - XXX

Model

**HC-49/U-S
HCM49
CM309S
CS325S**

Frequency

Please mention numeral of the frequency in Hz unit.

Frequency deviation (at 25°C)

Standard specification shall differ subject to frequency.

- A** +/-30ppm (STD)
- B** +/-50ppm (STD)
- C** +/-100ppm
- D** +/-20ppm
- E** +/-10ppm
- F** +/-15ppm
- G** +/-25ppm
- H** +/-5ppm
- Z** others

CTZ management code

It is a number to be assigned by CTZ after inquiry from a customer.

Package specification

- T** Tape and Reel (Standard package unit)
- B** Bulk (Without taping/ Bulk Package)

Load capacitance (CL)

A Series	I 16.0pF	Q 10.0pF
B 6.0pF	J 18.0pF	R 50.0pF
C 9.0pF	K 20.0pF	S 11.0pF
D 9.5pF	L 22.0pF	T 14.0pF
E 12.0pF	M 25.0pF	U 17.0pF
F 12.5pF	N 30.0pF	V 8.0pF
G 13.0pF	O 32.0pF	Y 7.0pF
H 15.0pF	P 33.0pF	Z others

Frequency-temperature characteristic (at operating temperature range)

A +/-30ppm (-10 ~ +60°C) (STD)	M +/-60ppm (-40 ~ +85°C)
B +/-50ppm (-10 ~ +60°C) (STD)	N +/-80ppm (-40 ~ +85°C)
C +/-100ppm (-10 ~ +60°C)	O +/-30ppm (-20 ~ +70°C)
D +/-20ppm (-10 ~ +60°C)	P +/-40ppm (-20 ~ +70°C)
E +/-10ppm (-10 ~ +60°C)	Q +/-50ppm (-20 ~ +70°C)
F +/-30ppm (-40 ~ +85°C)	R +/-60ppm (-20 ~ +70°C)
G +/-50ppm (-40 ~ +85°C)	S +/-70ppm (-20 ~ +70°C)
H +/-100ppm (-40 ~ +85°C)	T +/-80ppm (-20 ~ +70°C)
I +/-20ppm (-40 ~ +85°C)	U +/-80ppm (-40 ~ +100°C)
J +/-10ppm (-40 ~ +85°C)	V +/-100ppm (-40 ~ +100°C)
K +/-150ppm (-40 ~ +85°C)	W +/-150ppm (-40 ~ +100°C)
L +/-200ppm (-40 ~ +85°C)	X +/-200ppm (-40 ~ +100°C)
	Z others

*Shall not be available subject to the frequency.

• Example Part Number

CSX-750 FC C 20 000 000 T – XXX

Series

CSX-750P
CSX-750F

CTZ management code

It is a number to be assigned by CTZ after inquiry from a customer.

Package specification

- T Tape and Reel (Standard package unit)
- B Bulk (Without taping/ Bulk Package)

Frequency

Please mention numeral of the frequency in Hz unit.

Frequency-temperature characteristic (at operating temperature range)

- B +/-50ppm (-10 ~ +70°C)
+/-50ppm (-20 ~ +70°C) (CSX-750)
- C +/-100ppm (-10 ~ +70°C) (STD)
+/-100ppm (-20 ~ +70°C) (CSX-750) (STD)
- E +/-50ppm (-40 ~ +85°C)
- F +/-100ppm (-40 ~ +85°C)
- Z others

*Characteristic features vary from frequency so please contact us.

Model

As for selection of models, please chose specific model by referring each detail specification of each series mentioned in this catalogue.

• Example Part Number

CSX-750 VJ B 20 000 000 T – XXX

Series

CSX-750V

CTZ management code

It is a number to be assigned by CTZ after inquiry from a customer.

Package specification

- T Tape and Reel (Standard package unit)
- B Bulk (Without taping/ Bulk Package)

Frequency

Please mention numeral of the frequency in Hz unit.

Frequency-temperature characteristic (at operating temperature range)

- B +/-50ppm (-20 ~ +70°C) (STD)
- C +/-100ppm (-20 ~ +70°C)
- E +/-50ppm (-40 ~ +85°C)
- F +/-100ppm (-40 ~ +85°C)
- Z others

*Characteristic features vary from frequency so please contact us.

Model

As for selection of models, please chose specific model by referring each detail specification of each series mentioned in this catalogue.