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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 : <a href="http://cfm.citizen.co.jp/english/product/cvo">http://cfm.citizen.co.jp/english/product/cvo</a> 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 : <a href="https://form.citizen.co.jp/cfm">https://form.citizen.co.jp/cfm</a> 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

Ctl No (2P) : JL3700-08D

D/C (9D) : 1214

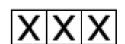
CITIZEN CM315D

CITIZEN CM315D

EIAJ C-3

Example Part Number

CM315D 32 768 D Z F T — X X X



#### 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

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

# Load capacitance (CL)

F 12.5pF (STD) Z others

- 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

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

- Tape and Reel (Standard package unit)
- 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)

- \*Shall not be available subject to the frequency.

# 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

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

## Frequency

Please mention numeral of the frequency in Hz unit.

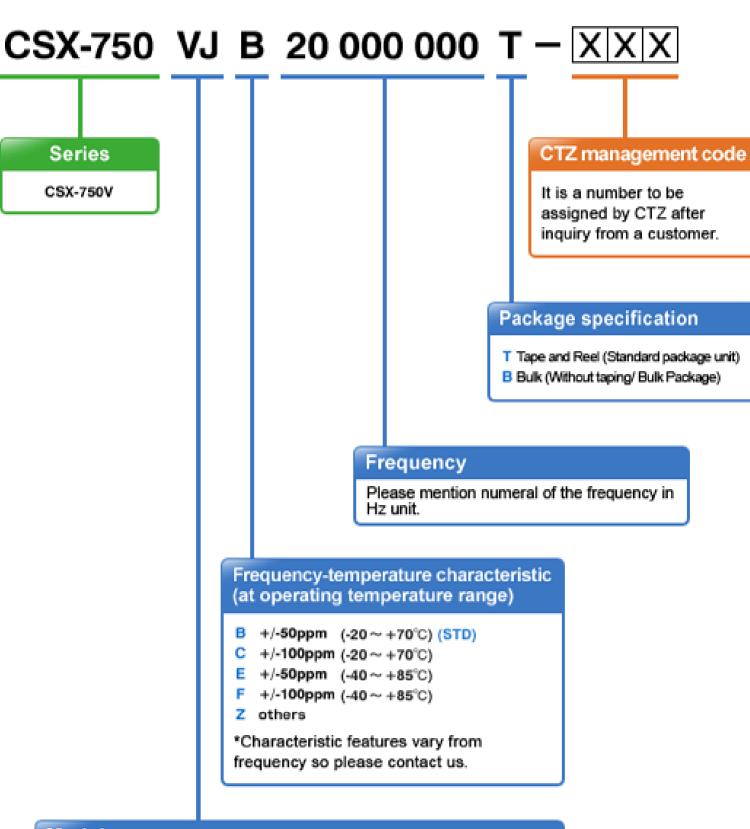
# Frequency-temperature characteristic (at operating temperature range)

- 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.



#### Model

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

#### **X-ON Electronics**

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Other Similar products are found below:

CSX-750FCC40000000T CSX-750FHB1200000T HC-49/U-S24000000ABJB CS325S14318180ABJT HC49US-28.224MABJ CM315
32.768KDZY-UT HC-49/U-S4915200ABJB CSX-750FBC16000000T HCM49-7.680MABJ-UT CM51932768DZFT HC49US28.63636MABJ HCM49-11.000MABJT CMR200T-32.768KDZF-UT HCM493579545ABJT CSX750FCC40.000M-UT HC49US6.176MABJ-UB HC49US-17.734475MABJ-UB CS325S-12000000ABJT HCM49-48.000MABJT HC49US-6.144MABJ HC49US10.000MABJ-UB CS325S27000000ABJT CS10-32.000MABJ-UT HC49US-4.9152MABJ-UB CS325S28636300ABJT HCM49-6.144MABJUT HCM49-13.500MABJ-UT HC-49/U-S6144000ABJB CM1610H32768DZFT HC49US-16.9344MABJ-UB HCM4950000000ABJT CSX750FCC14745600T HC49US15.000MABJ-UB HCM4949152000ABJT HC49US-12.000MABJ-UB HC49US-9.000MABJ HCM495.000MABJT HCM49-20.000MABJ-UT CM309E-15.000MABJ-UT HC49US-19.6608MABJ-UB CMR200T32768DZFT HCM4930.000MABJ-UT CSX-750FCC4000000T CSX-750FBC333333000T HCM4924576000ABJT CSX-750FMB25000000T HC-49/US15000000ABJB HC49US-3.6864MABJ HC-49/U-S48000000ABJB HCM49-4.194304MABJ-UT