

Document Receipt Acknowledgement
Date:
Section:
Name:



Date: Jul., 27, 2018

Attention:

PK COMPONENTS ELEKT.BAUELEM. VERTR. GMBH

Product Withdrawal Notice

MHz Ceramic Resonator : CSTCR-G-C/L, CSTCE-G*, CSTCE-V* Series

Dear. Valued Customer

Thank you very much for your great and continued support for business with Murata.
This is the official notification that some of our products will be discontinued as detailed below.
Please review this, and place Last Time Buy Order by the Last Time Order Due Date as needed.
Your understanding and support are highly appreciated.

1. Product Type, Customer/Murata/Alternative Part Numbers:

Product Type: MHz Ceramic Resonator : CSTCR-G-C/L, CSTCE-G*, CSTCE-V* Series
Please refer to the attached documents for detailed Part Numbers' information.

2. Reasons/Background:

The existing series (the subjected series) use Pd (palladium) for the inner electrode.
Since the countries which supply Pd are extremely limited and Pd price has drastically increased,
we are facing Pd purchasing problem recently. Therefore we would like to continuously realize
the stable supply by switching the material from Pd to Ni (Nickel).

3. Product Withdrawal Schedule:

List-(A). Last Time Order Due Date : Dec., 31, 2018

Due to the actual demand increase of the existing series (the subjected series),
they are under the supply problem. In order to avoid it, please consider to start purchasing
the alternates as shown in the following List-(A).
Because they have much enough production capacity compare to the existing series.
The new one's electric characteristics and dimensions are completely same as the existing ones.

List-(B). Last Time Order Due Date: Sep., 30, 2019

Other part numbers* listed in the List-(B) are on the original schedule.
*Consist of the part numbers with low built-in load capacitance, the part numbers which need
electrode land pattern change, and the customized part numbers.

4. Feedback Due Date:

Sep., 28, 2018
Please indicate your feedback to Murata in writing by the Feedback Due Date,

4. Contact Window:

Should you have any questions or concerns, please contact Murata Sales.

Truly Yours. Thank you.

Tsutomu Kitani
General Manager
Planning & Sales Promotion Dept

Timing Device Division
Murata Manufacturing, Co., Ltd.