

Document Receipt Acknowledgement
Date:
Section:
Name:



Document Number: PSE-18GC-0019  
Date: Mar., 23, 2018

Attention:

**FARNELL ELEC COMPONENTS LTD**

## **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 indicate your feedback for this Notice in writing by Feedback Due.  
Also, please 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:**

We have released new series(CSTNR-G-C/L, CSTNE-G\*, CSTNE-V\*) from Oct. 2017.  
The existing series(the subjected series) will be switched to above new series.  
So, the existing series will be discontinued.

### **3. Product Withdrawal Schedule:**

Last Time Order Due ( \* ): Sep., 30, 2019  
Last Production Date: Mar., 31, 2020  
Last Shipment Date: Finalized per Discussion with Customer

\* : Last Time Order is the subject to Minimum Order Quantity and Package Quantity.  
Order Cancel and Product Return can be accepted only in the case of quality issue.  
If concerned part number is adopted into automotive application, the above schedule shall be fixed after discussion with you.

### **4. Feedback Due:**

**Mar., 31, 2019**

Please indicate your feedback to Murata in writing by the Feedback Due,  
whether you approve this Notice or need further discussion and/or adjustments with Murata.  
If concerned part number is adopted into automotive application and you hope to negotiate  
the schedule for it, please feel free to contact us.

### **5. Contact Window:**

Should you have any questions or concerns,  
please contact Murata Sales, Representative, or Distributor in your area.

Truly Yours. Thank you.

Tsutomu Kitani  
General Manager

Planning & Sales Promotion Dept  
Timing Device Division  
Murata Manufacturing, Co., Ltd.



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## Confirmation Letter

**FARNELL ELEC COMPONENTS LTD**

Tsutomu Kitani

### **Product Withdrawal Confirmation**

Product Withdrawal detailed below is  Subject to Further Discussion.  Accepted.

Product Type: MHz Ceramic Resonator : CSTCR-G-C/L, CSTCE-G\*, CSTCE-V\* Series  
Last Time Order Due: Sep., 30, 2019

Comments, Questions, Requests, etc.

Signature

Date: (MM, DD, YYYY)

\_\_\_\_\_  
Title:

\_\_\_\_\_  
Name:

\_\_\_\_\_

**Sales History**

Please find the list below for the target part numbers which are registered as yours in Murata. (Customer Part Number)  
Regardless of the list below, all part numbers shall be the target as far as they are categorized into the Product Type indicated in the Document.

Alternative Part Number: Pattern Structure, Electrical Characteristics could be identical to or different from the current product.

For some Alternative Part Number, below notice are mentioned on the Memo of right column.

Note1, Note2 and Note3 means the following.

Note1) If "\*" (asterisk) is included into the parts number, it is uncompleted part number. It will be decided through individual discussion and matching evaluation.

Note2) The outer electrode pitch between current product and alternative product is different.

Note3) Sample will be available from Oct 2018, mass production will be started from Jan 2019.

Account Number	Customer Name	Customer Part Number	Murata Part Number	Alternative Part Number	Sales Quantity (Unit: pieces)						Memo
					2012FY	2013FY	2014FY	2015FY	2016FY	2017FY till Feb.	
G0190	FARNELL ELEC COMPONENTS LTD	1615352	CSTCE8M00G55Z-R0	CSTNE8M00G55Z000R0	51,000	18,000	30,000	42,000	48,000	33,000	
G0190	FARNELL ELEC COMPONENTS LTD	1849550	CSTCE8M00G15L99-R0	CSTNE8M00GH5L000R0	0	0	0	0	0	0	
G0190	FARNELL ELEC COMPONENTS LTD	2443265	CSTCE16M0V53-R0	CSTNE16M0V530000R0	0	0	24,000	45,000	48,000	99,000	Note2
G0190	FARNELL ELEC COMPONENTS LTD	2443266	CSTCE20M0V53-R0	CSTNE20M0V530000R0	0	0	6,000	9,000	18,000	15,000	Note2
G0190	FARNELL ELEC COMPONENTS LTD	2443267	CSTCE8M00G52A-R0	CSTNE8M00G52A000R0	0	0	9,000	0	6,000	3,000	Note3
G0190	FARNELL ELEC COMPONENTS LTD	2443268	CSTCE8M00G52-R0	CSTNE8M00G520000R0	0	0	6,000	18,000	15,000	27,000	Note3
G0190	FARNELL ELEC COMPONENTS LTD	2443269	CSTCE8M00G55A-R0	CSTNE8M00G55A000R0	0	0	3,000	6,000	3,000	9,000	
G0190	FARNELL ELEC COMPONENTS LTD	2443270	CSTCE8M00G55-R0	CSTNE8M00G550000R0	0	0	12,000	54,000	24,000	39,000	
G0190	FARNELL ELEC COMPONENTS LTD	2470355	CSTCE10M0G55Z-R0	CSTNE10M0G55Z000R0	0	0	0	3,000	9,000	27,000	
G0190	FARNELL ELEC COMPONENTS LTD	2470356	CSTCE12M0G15L99-R0	CSTNE12M0GH5L000R0	0	0	0	9,000	12,000	12,000	
G0190	FARNELL ELEC COMPONENTS LTD	2470357	CSTCE12M0G55Z-R0	CSTNE12M0G55Z000R0	0	0	0	9,000	18,000	12,000	
G0190	FARNELL ELEC COMPONENTS LTD	2470358	CSTCE16M0V53C-R0	CSTNE16M0V53C000R0	0	0	0	6,000	3,000	6,000	
G0190	FARNELL ELEC COMPONENTS LTD	2470359	CSTCE16M0V53Z-R0	CSTNE16M0V53Z000R0	0	0	0	6,000	12,000	6,000	Note2
G0190	FARNELL ELEC COMPONENTS LTD	2470360	CSTCE8M00G15C99-R0	CSTNE8M00GH5C000R0	0	0	0	12,000	24,000	36,000	
G0190	FARNELL ELEC COMPONENTS LTD	2470361	CSTCR4M00G15C99-R0	CSTNR4M00GH5C000R0	0	0	0	6,000	3,000	3,000	
G0190	FARNELL ELEC COMPONENTS LTD	2470362	CSTCR4M00G15L99-R0	CSTNR4M00GH5L000R0	0	0	0	3,000	3,000	3,000	











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 Note3) Sample will be available from Oct 2018, mass production will be started from Jan 2019.

**Part Number List**

Please find the list below for the target part numbers which are registered as yours in Murata. (Customer Part Number)  
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Alternative Part Number: Pattern Structure, Electrical Characteristics could be identical to or different from the current product.

Customer Part Number	Murata Part Number	Alternative Part Number	Sales Quantity (Unit: pieces)						Memo
			2012FY	2013FY	2014FY	2015FY	2016FY	2017FY till Feb.	
1615352	CSTCE8M00G55Z-R0	CSTNE8M00G55Z000R0	51,000	18,000	30,000	42,000	48,000	33,000	
1849550	CSTCE8M00G15L99-R0	CSTNE8M00GH5L000R0	0	0	0	0	0	0	
2443265	CSTCE16M0V53-R0	CSTNE16M0V530000R0	0	0	24,000	45,000	48,000	99,000	Note2
2443266	CSTCE20M0V53-R0	CSTNE20M0V530000R0	0	0	6,000	9,000	18,000	15,000	Note2
2443267	CSTCE8M00G52A-R0	CSTNE8M00G52A000R0	0	0	9,000	0	6,000	3,000	Note3
2443268	CSTCE8M00G52-R0	CSTNE8M00G520000R0	0	0	6,000	18,000	15,000	27,000	Note3
2443269	CSTCE8M00G55A-R0	CSTNE8M00G55A000R0	0	0	3,000	6,000	3,000	9,000	
2443270	CSTCE8M00G55-R0	CSTNE8M00G550000R0	0	0	12,000	54,000	24,000	39,000	
2470355	CSTCE10M0G55Z-R0	CSTNE10M0G55Z000R0	0	0	0	3,000	9,000	27,000	
2470356	CSTCE12M0G15L99-R0	CSTNE12M0GH5L000R0	0	0	0	9,000	12,000	12,000	
2470357	CSTCE12M0G55Z-R0	CSTNE12M0G55Z000R0	0	0	0	9,000	18,000	12,000	
2470358	CSTCE16M0V53C-R0	CSTNE16M0V53C000R0	0	0	0	6,000	3,000	6,000	
2470359	CSTCE16M0V53Z-R0	CSTNE16M0V53Z000R0	0	0	0	6,000	12,000	6,000	Note2
2470360	CSTCE8M00G15C99-R0	CSTNE8M00GH5C000R0	0	0	0	12,000	24,000	36,000	
2470361	CSTCR4M00G15C99-R0	CSTNR4M00GH5C000R0	0	0	0	6,000	3,000	3,000	
2470362	CSTCR4M00G15L99-R0	CSTNR4M00GH5L000R0	0	0	0	3,000	3,000	3,000	