

<b>Document Receipt Acknowledgement</b>
Date:
Section:
Name:



Document Number: PSE-17GC-0092

Date: Mar., 17, 2017

Attention:

**FARNELL ELEC COMPONENTS LTD**

## **Product Withdrawal Notice**

MHz Ceramic Resonator : CSTLF, CSALF 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 : CSTLF, CSALF Series

Please refer to the attached documents for detailed Part Numbers' information.

### **2. Reasons/Background:**

Business volume and production of subjected series has been decreasing and shrinking, and production line has been decrepit. Thus, it is difficult for us to keep continual and stable supply.

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

Last Time Order Due ( \* ): Sep., 30, 2018

End of Production: Mar., 31, 2019

Last Date of Shipment: 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.

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

**Jun., 30, 2018**

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.

### **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 : CSTLF, CSALF Series

Last Time Order Due: Sep., 30, 2018

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: Pin Structure, Electrical Characteristics could be identical to or different from the current product.

Account Number	Customer Name	Customer Part Number	Murata Part Number	Alternative Part Number	Sales Quantity (Unit: pieces)						Memo
					2011FY	2012FY	2013FY	2014FY	2015FY	2016FY till Feb.	
G0190	FARNELL ELEC COMPONENTS LTD	1161692	CSALF3M58G55-B0	CSTLS3M58G53-B0	4,000	3,500	3,000	4,500	4,000	9,000	
G0190	FARNELL ELEC COMPONENTS LTD	1161694	CSALF4M00G55-B0	CSTLS4M00G53-B0	9,000	11,500	3,500	7,000	6,500	8,000	
G0190	FARNELL ELEC COMPONENTS LTD	1161695	CSALF4M19G55-B0	CSTLS4M19G53-B0	1,500	2,000	1,000	1,000	500	500	
G0190	FARNELL ELEC COMPONENTS LTD	1161697	CSALF5M00G55-B0	CSTLS5M00G53-B0		500					
G0190	FARNELL ELEC COMPONENTS LTD	1161698	CSALF6M00G55-B0	CSTLS6M00G53-B0		4,500	1,000	2,000	1,000	500	
G0190	FARNELL ELEC COMPONENTS LTD	1161699	CSALF8M00T55-B0	CSTLS8M00G53-B0	10,500	22,000	10,500	12,500	14,500	18,000	
G0190	FARNELL ELEC COMPONENTS LTD	1161700	CSALF12M0T55-B0	N/A		500	500	1,000	500	500	
G0190	FARNELL ELEC COMPONENTS LTD	1161701	CSALF16M0X55-B0	CSTLS16M0X5*-B0	6,000	1,500	7,500	1,500	4,500	3,000	
G0190	FARNELL ELEC COMPONENTS LTD	1161703	CSTLF3M58G55-B0	CSTLS3M58G53-B0							
G0190	FARNELL ELEC COMPONENTS LTD	1161704	CSTLF4M00G55-B0	CSTLS4M00G53-B0	48,500	25,500	35,500	27,500	8,000	16,500	
G0190	FARNELL ELEC COMPONENTS LTD	1161705	CSTLF4M19G55-B0	CSTLS4M19G53-B0	2,500	500	1,000	500	500	1,500	
G0190	FARNELL ELEC COMPONENTS LTD	1161706	CSTLF6M00G55-B0	CSTLS6M00G53-B0	7,500	12,500	7,500	8,000	4,000	6,500	
G0190	FARNELL ELEC COMPONENTS LTD	1161707	CSALF2M45G55-B0	N/A	4,500		1,500	1,500	500	1,000	
G0190	FARNELL ELEC COMPONENTS LTD	1161709	CSALF3M69G55-B0	CSTLS3M69G53-B0	11,500	2,500	2,500	3,500	2,500	2,000	
G0190	FARNELL ELEC COMPONENTS LTD	1161712	CSTLF8M00T55-B0	CSTLS8M00G53-B0	4,500	9,500	7,000	7,000	5,500	6,000	



### Part Number List

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Alternative Part Number: Pin 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
			2011FY	2012FY	2013FY	2014FY	2015FY	2016FY till Feb.	
1161692	CSALF3M58G55-B0	CSTLS3M58G53-B0	4,000	3,500	3,000	4,500	4,000	9,000	
1161694	CSALF4M00G55-B0	CSTLS4M00G53-B0	9,000	11,500	3,500	7,000	6,500	8,000	
1161695	CSALF4M19G55-B0	CSTLS4M19G53-B0	1,500	2,000	1,000	1,000	500	500	
1161697	CSALF5M00G55-B0	CSTLS5M00G53-B0		500					
1161698	CSALF6M00G55-B0	CSTLS6M00G53-B0		4,500	1,000	2,000	1,000	500	
1161699	CSALF8M00T55-B0	CSTLS8M00G53-B0	10,500	22,000	10,500	12,500	14,500	18,000	
1161700	CSALF12M0T55-B0	N/A		500	500	1,000	500	500	
1161701	CSALF16M0X55-B0	CSTLS16M0X5*-B0	6,000	1,500	7,500	1,500	4,500	3,000	
1161703	CSTLF3M58G55-B0	CSTLS3M58G53-B0							
1161704	CSTLF4M00G55-B0	CSTLS4M00G53-B0	48,500	25,500	35,500	27,500	8,000	16,500	
1161705	CSTLF4M19G55-B0	CSTLS4M19G53-B0	2,500	500	1,000	500	500	1,500	
1161706	CSTLF6M00G55-B0	CSTLS6M00G53-B0	7,500	12,500	7,500	8,000	4,000	6,500	
1161707	CSALF2M45G55-B0	N/A	4,500		1,500	1,500	500	1,000	
1161709	CSALF3M69G55-B0	CSTLS3M69G53-B0	11,500	2,500	2,500	3,500	2,500	2,000	
1161712	CSTLF8M00T55-B0	CSTLS8M00G53-B0	4,500	9,500	7,000	7,000	5,500	6,000	