

<b>Document Receipt Acknowledgement</b>
Date:3.26.2018
Section:Passives
Name:Digi-Key Electronics

**Attention:**

Digi-Key Electronics

**Product Withdrawal Notice Chip Monolithic Ceramic Capacitor: GR\* series/ZRA series**

Dear Valued Customer,

Thank you for your business with Murata. We would like to notify you regarding product withdrawals and discontinuations due to market conditions. Please review the details of this notification and provide your response by the due date(s) below. As needed, please place any Last Time Buy orders before the end of March 2019. Your understanding and support are highly appreciated.

**1. Product Type, Customer/Murata:**

Product Type: Chip Monolithic Ceramic Capacitor: GR\* series/ZRA series  
Case Size: Select values in 0402, 0603, 0805, 1206 and up case sizes  
Temperature Characteristics: Code (Public Standard Code)  
B1/B3(B)···JIS standard ,R1(R)/R6(X5R)/R7(X7R)/C7(X7S)/C8(X6S)···EIA standard  
Capacitance  $\geq$  1uF, Voltage  $\leq$  100V

Product Type: Chip Monolithic Ceramic Capacitor: GR\* series  
Case size: 0603, 0805, 1206, 1210, 1812, 2220  
Temperature Characteristics: Code (Public Standard Code)  
B1/B3(B)···JIS standard , R1(R)/R6(X5R)/R7(X7R)/C7(X7S)/C8(X6S)···EIA standard  
Capacitance  $\leq$ 0.1uF, Voltage < 100V

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

**2. Reasons/Background:**

Increased demand for Multilayer ceramic capacitors (hereinafter referred to as MLCC) in consumer and automotive electronic goods has led to a MLCC supply issue globally. The gap of supply and demand in the MLCC industry continues to expand and is expected to continue to do so. In order to provide as much continued support as possible to the market Murata must adjust our production capacity away from Legacy products to those in market demand. Therefore, as for the target items of this EOL, we will gradually reduce the production capacity and restrict the supply quantity to discontinue the production.

**3. Product Withdrawal Schedule:**

Last Time Order for Existing Business due (\*): Mar. 31, 2019

Last Shipment Date: Mar. 31, 2020

(\* ) Order quantities subjected to product availability and are not guaranteed. Last Time order is subjected to Minimum Order Quantity and Package Quantity. Order Cancellation and Product Return will be accepted only in the case of quality issue.

**4. Feedback Due:**

Please respond by September 28, 2018 regarding your understanding and acceptance of this Withdrawal Notice or whether you need further discussion and/or adjustment with Murata.

**5. Contact Window:**

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

Thank you,

Murata Manufacturing Co., Ltd.  
Capacitor Div.1 Sales Planning Department  
General Manager Shoei Miyamoto

## Confirmation Letter

Digi-Key Electronics

Murata Manufacturing Co., Ltd.

### Product Withdrawal Confirmation

Product Withdrawal detailed below is:

**Product Type: Chip Monolithic Ceramic Capacitor: GR\* series/ZRA series**

Case size: Select values in 0402, 0603, 0805, 1206 and up case sizes

Temperature Characteristics: Code (Public Standard Code)

B1/B3(B) ··· JIS standard ,R1(R)/R6(X5R)/R7(X7R)/C7(X7S)/C8(X6S) ··· EIA standard

Capacitance  $\geq 1\mu\text{F}$ , Voltage  $\leq 100\text{V}$

**Product Type: Chip Monolithic Ceramic Capacitor: GR\* series**

Case size: 0603, 0805, 1206, 1210, 1812, 2220

Temperature Characteristics: Code (Public Standard Code)

B1/B3(B) ··· JIS standard , R1(R)/R6(X5R)/R7(X7R)/C7(X7S)/C8(X6S) ··· EIA standard

Capacitance  $\leq 0.1\mu\text{F}$ , Voltage  $< 100\text{V}$

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

**Last Time Order for Existing Business due ( \* ):**

**Mar. 31, 2019**

**Last Shipment Date:**

**Mar. 31, 2020**

(\*) Order quantities subjected to product availability and are not guaranteed. Last Time order is subjected to Minimum Order Quantity and Package Quantity. Order Cancellation and Product Return will be accepted only in the case of quality issue.

Comments, Questions, Requests, etc.

Signature:

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Date: (MM, DD, YYYY)

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Title:

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Name:

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