



MURATA MANUFACTURING CO., LTD.

No. HEMCG1-

DATE : March 2, 2

Attention: DIGI-KEY

Product Discontinuance Notice
Chip Monolithic Ceramic Capacitor(Low Profile Type):
GRM153, GRM15X, and GRM185 series w/ Precious Metal Electrode

Dear Valued Customer,

Thank you very much for your great support and business with Murata.

We would like to inform you about the Discontinuance of our Chip Monolithic Ceramic Capacitor (MLCC):

GRM153, GRM15X, and GRM185 series w/ Precious Metal Electrode (Low Profile Type).

Please review and return this notification with your acceptance by the date below.

Your understanding and support are highly appreciated.

1. Applicable Product / Affected Murata Part Number / Alternative:

GRM153 series w/ Precious Metal Electrode (Low Profile Type)

GRM15X series w/ Precious Metal Electrode (Low Profile Type)

GRM185 series w/ Precious Metal Electrode (Low Profile Type)

*Murata P/N example: GRM1532C1H101JDD5D (15th digit "D" indicates Precious Meta

Please refer to the attached Appendix for Customer P/N and Murata P/N cross-reference.

We do not have a direct replacement.

If Low Profile is required, we would like to recommend downsizing to a smaller case size where available.

2. Reasons / Background:

These products are designed and manufactured with Precious Metal and Rare Earth Metals.

The market price of these materials continues to increase affecting product cost and profitability.

In addition, it may be difficult to obtain a stable supply of these materials in the future.

Smaller case sizes such as the 0201 and 0402 have been developed with similar capacitance:

GRM033 series: LxWxT = 0.6x0.3x0.3mm (0201 EIA)

GRM155 series: LxWxT = 1.0x0.5x0.5mm (0402 EIA)

As a result, demand for these Low Profile types (GRM153/GRM15X/GRM185) has been shifting to the sme

3. Discontinuance Schedule:

Last Time Buy : **March 31, 2016**

End of Production : **September 30, 2016**

4. Response Date:

Please return this notification with your acceptance and/or inform us of any requests by **August 31, 2015**.

5. Others:

This Product Discontinuance Notice will be applied to your company worldwide.

We hope to have your cooperation and understanding in this matter. Thank you.

6. Contact Window:

Please contact the local Murata Sales office in your area if should you have any questions or concerns.

Yours ve

The notification of acceptance

Date :

Company :

Signature :

Comment :

Y. Nakayama / Senior Manager

Product Engineering Department
Capacitor Division I
Fukui Murata MFG. Co., Ltd.

1051
015



l Electrode)

aller case sizes

ry truly,

Appendix

Customer P/N	MurataP/N
490-6152-2-ND	GRM1535C1H100JDD5D
490-6153-2-ND	GRM1535C1H101JDD5D
490-6154-2-ND	GRM1535C1H120JDD5D
490-6155-2-ND	GRM1535C1H150JDD5D
490-6156-2-ND	GRM1535C1H180JDD5D
490-6157-2-ND	GRM1535C1H1R0CDD5D
490-6158-2-ND	GRM1535C1H220JDD5D
490-6159-2-ND	GRM1535C1H270JDD5D
490-6160-2-ND	GRM1535C1H330JDD5D
490-6161-2-ND	GRM1535C1H470JDD5D
490-6162-2-ND	GRM1535C1H560JDD5D
490-6163-2-ND	GRM1535C1H820JDD5D
490-6164-2-ND	GRM1535C1HR40BDD5D
490-6165-2-ND	GRM1535C1HR70BDD5D
490-6166-2-ND	GRM1535C1HR80BDD5D
490-6167-2-ND	GRM1535C1HR90BDD5D
GRM1535C1H331JDD5D-ND	GRM1535C1H331JDD5D
GRM1535C1H8R0DDD5D-ND	GRM1535C1H8R0DDD5D

※Customer Part Number registered with Murata is above.

About Customer Part Number without registered, the Object Part is targeted for all.