

Attention: PK Components

No. : HEMCG1-1006a

Date : 12.April 2013

MLCC: Monolithic Ceramic Capacitor Temperature Characteristic (Public STD Code) : $L\Delta/P\Delta/R\Delta/S\Delta/T\Delta/U\Delta/1X$

Notification - Discontinuance of Product

Dear Valued Customer,

Thank you very much for your patronage on our ceramic capacitor.

We would much appreciate to submit this letter to inform you about the discontinuance of product.

Those products in list are reducing use in market, and also facing to material cost increase.

So that our productivity and profitability are getting worse.

Murata has been seeking any means to manage situation, but it doesn't go well as far as shrinking production scale.

In addition to the scale, some of material is facing to supply problem from outer company.

Those are the reasons, and we decide to terminate production for those parts.

Please kindly take the situation consideration and accept to stop new inquiry and to inform us your life-time demand. Thank you very much for your understanding and cooperation.

1. Object Part

MLCC (Chip Monolithic Ceramic Capacitor):

Temperature Characteristic (Public STD Code) : LΔ/PΔ/RΔ/SΔ/TΔ/UΔ/1X

2. Applied Part Numbers and Murata Product Types

(1) Customer Part Number: Please find enclosed Appendix(1).

(2)Murata Product Types:

 GRxxxx ## xx xxx x Dxx x
 GRxxxx ## xx xxx x Zxx x

 GCxxxx ## xx xxx x Dxx x
 GCxxxx ## xx xxx x Zxx x

 GNxxxx ## xx xxx x Dxx x
 GNxxxx ## xx xxx x Zxx x

: Murata Temperature Characteristic Codes $\cdots \Delta L/\Delta P/\Delta R/\Delta S/\Delta T/\Delta U/1X$

3. Reason

- (a) Market demand decrease and material cost increase causing productivity and profitability worse.
- (b) Some of material's supply problem from outer company.
- (c) Antiquated production machines and difficult to maintain.

4. Discontinuance Schedule

Dead line of one shot last order : September 30, 2013

Date of discontinue production : March 31, 2014

Please return this form with your signature by June 30, 2013

We would like to take action after your acceptance.

Please feel free to contact us, if you have any question or request on our proposal.

5. Others

This change will be applied to all Murata production factory of Chip MLCC, as follows. Fukui Murata Mfg.Co.,Ltd., Izumo Murata Mfg.Co.,Ltd., Okayama Murata Mfg.Co.,Ltd. Murata Electronics Singapore(Pte.)Ltd., Wuxi Murata Electronics Co.,Ltd.

Yours very truly,

The notification for the acceptance

Date :
Company :
Signature :
Comment :

Business Development Support Sec. Product Promotion Dept.

K. Makida

Fukui Murata MFG. Co., Ltd.

^{*} Please return this form with your signature to our sales representative by June 30, 2013.

Appendix (1)

| Customer P/N | Murata P/N |
|--------------------|--------------------|
| GRM1556R1HR50BD01D | GRM1556R1HR50BD01D |
| GRM1887U1H330JZ01D | GRM1887U1H330JZ01D |
| GRM1887U1H470JZ01D | GRM1887U1H470JZ01D |
| GRM2167U1H180FZ01D | GRM2167U1H180FZ01D |
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