

Document Receipt Acknowledgement
Date:
Section:
Name:

**muRata**

INNOVATOR IN ELECTRONICS

Document Number: IMC-156-003

Date: Jul., 1st, 2015

(OSA-UC)

**Attention:**

**(Customer Name) XXXXXXX**

## **Product Change Notice**

(Object parts) old leaded MLCC - RHD 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 replaced as detailed below.  
Please review this, and return our acceptance.  
Your understanding and support are highly appreciated.

### **1. Product Type, Customer/Murata/Alternative Part Numbers:**

Product Type: Leaded MLCC - RHD series  
RHD series (Murata PN start from RHD)

Alternative Type: RHE series

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

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

- (1) As 150degC product inquiry is increasing beyond our expectation, Silicone coating type cannot satisfy market request due to not good productivity and cost.
- (2) We commercialized Epoxy coating type product (RHE) which guaranteed 150deg C. Epoxy coating type is good productivity and lower cost than Silicone coating type.
- (3) In accelerated temperature test of "Relay switch ON/OFF test" at enclosed space, we wonder that one component of Silicone coating is volatilized and very little amount of SiO<sub>2</sub> may be attached on Relay switch .

[ This component is different from well known Siloxane. Volatilized density is about 60ppm and is lower than 1000ppm which is generally quoted as threshold level. But, in case of enclosed space with contact spark like small DC motor, contact reduction may be concerned a little. ]

Due to above reasons, we replace RHD (Silicone coat) series by RHE (Epoxy coat).

### **3. Replacement schedule:**

As sooner as possible

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

Sep., 30th, 2015

In case you need further discussion and/or adjustments with Murata for this Notice , please indicate your feedback to Murata in writing by the Feedback Due.

If we could not receive your Feedback, we will delete above PN from Murata DB file.

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

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

Truly Yours. Thank you.

(OSA Formal Name) XXXXXXXX  
(Sales Section/Title Description) XXXXX  
(Name) XXXXX

Izumo Murata Manufacturing, Co., Ltd.  
Product Eng. Sec./Prod.Develop Dept.2  
Yoshikazu Sugitani



Document Number: IMC-156-003

## Confirmation Letter

(OSA Formal Name) XXXXXXXX

(Customer Name) XXXXXXXX

## Product Change Notice

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

Product Type: RHD series (Murata PN start from RHD)

Feedback Due: Sep., 30th, 2015

Comments, Questions, Requests, etc.

Signature

Date: (MM, DD, YYYY)

\_\_\_\_\_

Title:

\_\_\_\_\_

Name:

\_\_\_\_\_

**Attn. : DIGI-KEY/THIEF RIVER FALLS/MN/HQ**

**Part Number List**

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.

(Ref.info.) Recommended PN is standard spec. item, so, Pls contact us if special spec is necessary.

Customer Part Number	Murata Part Number	Recommendation Part Number	Order Quantity (Unit : Pieces/Year)					Deviations		
			2010FY	2011FY	2012FY	2013FY	2014FY	Resin	Size	Internal solder
490-7110-ND	RHDL82A104K2K1C03B	RHEL82A104K1K1H03B	0	0	1,000	2,000	0	Silicone->Epoxy(HF)	(LxWxW1 mm max.):5.7x4.5x7.0 --> 4.0x3.5x5.0	-
490-8547-ND	RHDL81H105K2K1C03B	RHEL81H105K2K1H03B	0	0	0	1,000	2,500	Silicone->Epoxy(HF)	(LxWxW1 mm max.):5.7x4.5x7.0 --> 5.5x4.0x6.0	-
RHDL81H105K2K1C03B-ND	RHDL81H105K2K1C03B	RHEL81H105K2K1H03B	0	500	0	0	0	Silicone->Epoxy(HF)	(LxWxW1 mm max.):5.7x4.5x7.0 --> 5.5x4.0x6.0	-
RHDL81H225K3M1C03A-ND	RHDL81H225K3M1C03A	RHEL81H225K2M1H03A	0	0	0	0	1,500	Silicone->Epoxy(HF)	(LxWxW1 mm max.):6.0x5.5x7.5 --> 5.5x4.0x6.0	-