

Document Receipt Acknowledgement

Date:
Section:
Name:



Document Number: D03621-A-A2102

Date: May. 18, 2020

Attention:
Valued Customer

4M Change Notice

CR Coin Battery

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' 4M Change will be proceeded as detailed below.
Please review this, and approve in writing by Approval Due Date.
Your understanding and support are highly appreciated.

1. Product Type, Changes, and Customer/Murata/Alternative Part Numbers:

Product Type: CR Coin Battery

Applicable for diameter of over 20mm, except tab-welding models

Changes: Man Machine Material Method

Before Change	After Change
No child resistant marking on cathode can	Add child resistant marking on cathode can

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

2. Reasons/Background:

Murata will introduce CR coin battery cathode can monogram design change to comply with new requirements on child resistant marking & packaging of coin batteries in "IEC60086-4 Edition5 Primary batteries -Part 4: Safety of lithium batteries".

3. Products Before and After the Change:

Change is only cosmetic change of cathode can design.
No change in specification, production site, process, man.
No change in battery weight, carton size and master carton quantity.
Please refer to the attached file(s) for further details.

4. Approval Due: **June 30 2020**

Please review this, and reply to Sales for this Notice in writing by Due Date.

5. Change Schedule:

First Shipment of New Design from Factory **Oct, 1 2020**

5. Contact Window:

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

Truly Yours. Thank you.
Kumi Sano
General Manager, Micro Battery Business
Business Department
Energy Devices Division, Module Business Unit



Document Number: D03621-A-A2102

Confirmation Letter

TO: Murata Manufacturing, Co., Ltd.

4M Change Confirmation

4M Change detailed below is Subject to Further Discussion. Accepted.

Product Type: CR Coin Battery

Applicable for diameter of over 20mm, except tab-welding models

Changes: Man Machine Material Method

Before Change	After Change
No child resistant marking on cathode can	Add child resistant marking on cathode can

Comments, Questions, etc.

Signature

Date: (MM, DD, YYYY)

Title:

Name:

1. Cathode Can Monogram Design Change

Type	Current	New
Standard Type		
Extended Temperature Type (X)		
High Drain Type (R)		
Heat-resistant Type (W)		

2. Relevant Documents

Please kindly continue to use our product website below.

The UN38.3 Test Summary will be uploaded in July.

https://www.murata.com/en-global/products/batteries/micro/cr?intcid5=com_xxx_xxx_cmn_hd_xxx



Reference

- Caution (PDF : 270KB)
- Safety Data Sheet (SDS) for CR battery (PDF : 121KB)
- Declaration of Conformity for EU Battery Directive (PDF : 26KB)
- Information of Conformity for RoHS Directive (PDF : 29KB)
- Letter of Confirmation for REACH SVHC 205 Substances (PDF : 17KB)
- Product Certification of IEC60086-4 (PDF : 130KB)
- Best Management Practices for Perchlorate Material (PDF : 19KB)

3.New Product Model Information

Please kindly select your current Air/Boat or Boat Package models.to select your NEW product code & name

(1) Air/Noat Shipment Package

Type	Battery Size	Air/Boat Shipment Package			
		Current		NEW	
		Product Code	Product Name	Product Code	Product Name
Standard	CR2016	97384013	CR2016//12T1AWW	97384637	CR2016//12T2AWW
	CR2025	97384015	CR2025//07T1AWW	97384639	CR2025//07T2AWW
	CR2032	97384018	CR2032//07T1AWW	97384642	CR2032//07T4AWW
		97384019	CR2032//07T2AWW	97384643	CR2032//07T5AWW
		97384216	CR2032//07T3AWW	97384644	CR2032//07T6AWW
	CR2430	97384025	CR2430//05T1AWW	97384656	CR2430//05T3AWW
		97384172	CR2430//05T2AWW	97384657	CR2430//05T4AWW
CR2450	97384027	CR2450//03T1AWW	97384661	CR2450//03T2AWW	
CR2477	97384011	CR2477//02M1AWW	97384669	CR2477//02M2AWW	
Extended Temp (X)	CR2032X	97384173	CR2032X/07M1AWW	97384651	CR2032X/07M3AWW
	CR2450X	97384174	CR2450X/03M1AWW	97384665	CR2450X/03M3AWW
	CR2477X	97384175	CR2477X/02M1AWW	97384672	CR2477X/02M3AWW
High Drain (R)	CR2032R	97384177	CR2032R/07M1AWW	97384653	CR2032R/07M3AWW
	CR2450R	97384178	CR2450R/03M1AWW	97384667	CR2450R/03M3AWW
Heat-resistant (W)	CR2032W	97384068	CR2032W/07M1AWW	97384650	CR2032W/07M2AWW
	CR2050W	97384069	CR2050W/05M1AWW	97384655	CR2050W/05M2AWW
	CR2450W	97384071	CR2450W/03M1AWW	97384664	CR2450W/03M2AWW
	CR2477W	97384072	CR2477W/02M1AWW	97384671	CR2477W/02M2AWW

(2) Boat Shipment Package

Type	Battery Size	Boat Shipment Package			
		Current		NEW	
		Product Code	Product Name	Product Code	Product Name
	CR2025	97384016	CR2025//14T1BWW	97384640	CR2025//14T2BWW
	CR2032	97384021	CR2032//14T1BWW	97384645	CR2032//14T4BWW
		97384022	CR2032//14T2BWW	97384646	CR2032//14T5BWW
		97384205	CR2032//14T3BWW	97384647	CR2032//14T6BWW
	CR2430	97384026	CR2430//15T1BWW	97384658	CR2430//15T3BWW
		97384171	CR2430//15T2BWW	97384659	CR2430//15T4BWW
	CR2450	97384028	CR2450//09T1BWW	97384662	CR2450//09T2BWW
CR2477	97384012	CR2477//06M1BWW	97384670	CR2477//06M2BWW	
Extended Temp (X)	CR2032X	97384179	CR2032X/14M2BWW	97384652	CR2032X/14M3BWW
	CR2450X	97384180	CR2450X/09M2BWW	97384666	CR2450X/09M3BWW
	CR2477X	97384181	CR2477X/06M2BWW	97384673	CR2477X/06M3BWW
High Drain (R)	CR2032R	97384183	CR2032R/14M2BWW	97384654	CR2032R/14M3BWW
	CR2450R	97384184	CR2450R/09M2BWW	97384668	CR2450R/09M3BWW

(3) Large Boat Shipment Package: Murata Hong Kong (MCH customers)

Type	Battery Size	Boat Shipment Package (MCH only)			
		Current		NEW	
		Product Code	Product Name	Product Code	Product Name
Standard	CR2016	97384014	CR2016//4KT1BWW	97384638	CR2016//4KT2BWW
	CR2025	97384017	CR2025//4KT1BWW	97384641	CR2025//4KT2BWW
	CR2032	97384023	CR2032//4KT1BWW	97384648	CR2032//4KT3BWW
		97384024	CR2032//4KT2BWW	97384649	CR2032//4KT4BWW