

**Product Change Notification:**
**Reference: PCNMK1006**
**Date: September 13, 2021**
**Affected Part Numbers:**

The bracketed number represents which image should be referred to in the "Description of the Change" section.

**Group A (Change date 4<sup>th</sup> October 2021):**

|              |              |              |              |              |              |
|--------------|--------------|--------------|--------------|--------------|--------------|
| 22R103MC (1) | 22R104MC (1) | 22R105MC (1) | 22R106MC (1) | 22R153MC (1) | 22R154MC (1) |
| 22R155MC (1) | 22R156MC (1) | 22R223MC (1) | 22R224MC (1) | 22R225MC (1) | 22R226MC (1) |
| 22R333MC (1) | 22R334MC (1) | 22R335MC (1) | 22R336MC (1) | 22R473MC (1) | 22R474MC (1) |
| 22R475MC (1) | 22R476MC (1) | 22R683MC (1) | 22R684MC (1) | 22R685MC (1) | 22R686MC (1) |
| 23100C (1)   | 23101C (1)   | 23150C (1)   | 23220C (1)   | 232R2C (1)   | 23330C (1)   |
| 233R3C (1)   | 23470C (1)   | 234R7C (1)   | 23680C (1)   | 236R8C (1)   | 23S100C (1)  |
| 23S101C (1)  | 23S120C (1)  | 23S150C (1)  | 23S151C (1)  | 23S180C (1)  | 23S220C (1)  |
| 23S221C (1)  | 23S270C (1)  | 23S2R2C (1)  | 23S330C (1)  | 23S390C (1)  | 23S3R3C (1)  |
| 23S470C (1)  | 23S4R7C (1)  | 23S560C (1)  | 23S680C (1)  | 23S6R8C (1)  | 24100C (1)   |
| 24101C (1)   | 24120C (1)   | 24150C (1)   | 24151C (1)   | 24180C (1)   | 24220C (1)   |
| 24221C (1)   | 242R7C (1)   | 24330C (1)   | 243R3C (1)   | 24470C (1)   | 244R7C (1)   |
| 24680C (1)   | 246R8C (1)   | 24S100C (1)  | 24S101C (1)  | 24S120C (1)  | 24S150C (1)  |
| 24S151C (1)  | 24S180C (1)  | 24S220C (1)  | 24S221C (1)  | 24S2R7C (1)  | 24S330C (1)  |
| 24S3R3C (1)  | 24S470C (1)  | 24S4R7C (1)  | 24S680C (1)  | 24S6R8C (1)  | 26100C (1)   |
| 26101C (1)   | 26120C (1)   | 26150C (1)   | 26151C (1)   | 26180C (1)   | 26220C (1)   |
| 26221C (1)   | 26330C (1)   | 26331C (1)   | 263R3C (1)   | 26470C (1)   | 26471C (1)   |
| 26471PC (1)  | 264R7C (1)   | 26680C (1)   | 26681C (1)   | 266R8C (1)   | 26S100C (1)  |
| 26S101C (1)  | 26S120C (1)  | 26S150C (1)  | 26S151C (1)  | 26S180C (1)  | 26S220C (1)  |
| 26S221C (1)  | 26S330C (1)  | 26S331C (1)  | 26S3R3C (1)  | 26S470C (1)  | 26S471C (1)  |
| 26S4R7C (1)  | 26S680C (1)  | 26S681C (1)  | 26S6R8C (1)  | 27103C (1)   | 27104C (1)   |
| 27105C (1)   | 27153C (1)   | 27154C (1)   | 27223C (1)   | 27224C (1)   | 27333C (1)   |
| 27334C (1)   | 27472C (1)   | 27473C (1)   | 27474C (1)   | 27682C (1)   | 27683C (1)   |
| 27684C (1)   | 27T102C (1)  | 27T103C (1)  | 27T104C (1)  | 27T152C (1)  | 27T153C (1)  |
| 27T154C (1)  | 27T222C (1)  | 27T223C (1)  | 27T224C (1)  | 27T332C (1)  | 27T333C (1)  |
| 27T334C (1)  | 27T472C (1)  | 27T473C (1)  | 27T682C (1)  | 27T683C (1)  | 29102C (2)   |
| 29103C (2)   | 29104C (2)   | 29105C (2)   | 29152C (2)   | 29153C (2)   | 29154C (2)   |
| 29222C (2)   | 29223C (2)   | 29224C (2)   | 29332C (2)   | 29333C (2)   | 29334C (2)   |
| 29472C (2)   | 29473C (2)   | 29474C (2)   | 29682C (2)   | 29683C (2)   | 29684C (2)   |
| 30101AC (3)  | 30101BC (3)  | 30121BC (3)  | 30151AC (3)  | 30151BC (3)  | 30201AC (3)  |
| 30221BC (3)  | 30800AC (3)  | 30850BC (3)  | 34103C (1)   | 34104C (1)   | 34105C (1)   |
| 34122C (1)   | 34152C (1)   | 34153C (1)   | 34154C (1)   | 34222C (1)   | 34223C (1)   |

|              |              |              |             |             |              |
|--------------|--------------|--------------|-------------|-------------|--------------|
| 34224C (1)   | 34332C (1)   | 34333C (1)   | 34334C (1)  | 34472C (1)  | 34473C (1)   |
| 34474C (1)   | 34682C (1)   | 34683C (1)   | 34684C (1)  | 36102C (4)  | 36182C (4)   |
| 36232C (4)   | 36332C (4)   | 36401C (4)   | 36472C (4)  | 36601C (4)  | 37112C (5)   |
| 37142C (5)   | 37222C (5)   | 37242C (5)   | 37301C (5)  | 37302C (5)  | 37392C (5)   |
| 37501C (5)   | 37951C (5)   | 38H122C (5)  | 38H151C (5) | 38H152C (5) | 38H202C (5)  |
| 38H252C (5)  | 38H301C (5)  | 38H302C (5)  | 38H501C (5) | 38H801C (5) | 38L142C (5)  |
| 38L222C (5)  | 38L322C (5)  | 38L361C (5)  | 38L432C (5) | 38L572C (5) | 38L722C (5)  |
| 38L801C (5)  | 38L882C (5)  | 38S132C (5)  | 38S182C (5) | 38S221C (5) | 38S252C (5)  |
| 38S322C (5)  | 38S402C (5)  | 38S451C (5)  | 38S502C (5) | 38S801C (5) | 39H102C (5)  |
| 39H182C (5)  | 39H282C (5)  | 39H402C (5)  | 39H471C (5) | 39H562C (5) | 39H722C (5)  |
| 39S103C (5)  | 39S152C (5)  | 39S252C (5)  | 39S402C (5) | 39S602C (5) | 39S681C (5)  |
| 39S822C (5)  | 39U142C (5)  | 39U222C (5)  | 39U322C (5) | 39U351C (5) | 39U432C (5)  |
| 39U562C (5)  | 39U801C (5)  | 45102C (1)   | 45103C (1)  | 45104C (1)  | 45105C (1)   |
| 45152C (1)   | 45153C (1)   | 45154C (1)   | 45222C (1)  | 45223C (1)  | 45224C (1)   |
| 45281C (1)   | 45332C (1)   | 45333C (1)   | 45334C (1)  | 45472C (1)  | 45473C (1)   |
| 45474C (1)   | 45541C (1)   | 45682C (1)   | 45683C (1)  | 45684C (1)  | 46102C (1)   |
| 46103C (1)   | 46104C (1)   | 46105C (1)   | 46152C (1)  | 46153C (1)  | 46154C (1)   |
| 46222C (1)   | 46223C (1)   | 46224C (1)   | 46281C (1)  | 46332C (1)  | 46333C (1)   |
| 46334C (1)   | 46472C (1)   | 46473C (1)   | 46474C (1)  | 46541C (1)  | 46682C (1)   |
| 46683C (1)   | 46684C (1)   | 47100C (1)   | 47101C (1)  | 47150C (1)  | 471R0C (1)   |
| 47220C (1)   | 472R2C (1)   | 47330C (1)   | 473R3C (1)  | 47470C (1)  | 474R7C (1)   |
| 47680C (1)   | 476R8C (1)   | 48100C (1)   | 48100SC (1) | 48101C (1)  | 48101SC (1)  |
| 48102SC (1)  | 48150C (1)   | 48150SC (1)  | 48151SC (1) | 481R0C (1)  | 481R0SC (1)  |
| 48220C (1)   | 48220SC (1)  | 48221SC (1)  | 482R2C (1)  | 482R2SC (1) | 48330C (1)   |
| 48330SC (1)  | 48331SC (1)  | 483R3C (1)   | 483R3SC (1) | 48470C (1)  | 48470SC (1)  |
| 48471SC (1)  | 484R7C (1)   | 484R7SC (1)  | 48680C (1)  | 48680SC (1) | 48681SC (1)  |
| 486R8C (1)   | 486R8SC (1)  | 49100C (1)   | 49100SC (1) | 49101C (1)  | 49101SC (1)  |
| 49102SC (1)  | 49150C (1)   | 49150SC (1)  | 49151C (1)  | 49151SC (1) | 491R0SC (1)  |
| 49220C (1)   | 49220SC (1)  | 49221C (1)   | 49221SC (1) | 492R2C (1)  | 492R2SC (1)  |
| 49330C (1)   | 49330SC (1)  | 49331SC (1)  | 493R3C (1)  | 493R3SC (1) | 49470C (1)   |
| 49470SC (1)  | 49471SC (1)  | 494R7C (1)   | 494R7SC (1) | 49680C (1)  | 49680SC (1)  |
| 49681SC (1)  | 496R8C (1)   | 496R8SC (1)  | 53020C (6)  | 53030C (6)  | 53040C (6)   |
| 53050C (6)   | 53060C (6)   | 53070C (6)   | 53100C (6)  | 53125C (6)  | 53150C (6)   |
| 53200C (6)   | 6001C (1)    | 60A103C (5)  | 60A163C (5) | 60A193C (5) | 60A233C (5)  |
| 60A273C (5)  | 60A313C (5)  | 60A363C (5)  | 60A413C (5) | 60A582C (5) | 60A583C (5)  |
| 60A782C (5)  | 82102C (1)   | 82103C (1)   | 82104C (1)  | 82152C (1)  | 82153C (1)   |
| 82154C (1)   | 82222C (1)   | 82223C (1)   | 82224C (1)  | 82332C (1)  | 82333C (1)   |
| 82334C (1)   | 82472C (1)   | 82473C (1)   | 82474C (1)  | 82682C (1)  | 82683C (1)   |
| 83103C (7)   | 83104C (7)   | 83122C (7)   | 83153C (7)  | 83172C (7)  | 83223C (7)   |
| 83232C (7)   | 83332C (7)   | 83333C (7)   | 83421C (7)  | 83472C (7)  | 83473C (7)   |
| 83682C (7)   | 83683C (7)   | 83751C (7)   | 83823C (7)  | 83852C (7)  | 84102C (1)   |
| 84103C (1)   | 84104C (1)   | 84105C (1)   | 84132C (1)  | 84153C (1)  | 84154C (1)   |
| 84155C (1)   | 84222C (1)   | 84223C (1)   | 84224C (1)  | 84225C (1)  | 84332C (1)   |
| 84333C (1)   | 84334C (1)   | 84472C (1)   | 84473C (1)  | 84474C (1)  | 84682C (1)   |
| 84683C (1)   | 84684C (1)   | CD1512C (5)  | CD1513C (5) | CD1668C (8) | CD1669C (8)  |
| CD1678C (10) | CD1700C (10) | CD1708C (10) | CD1710C (9) | CD1712C (9) | CD1741C (10) |
| CD1770C (10) |              |              |             |             |              |





|              |              |              |                |               |
|--------------|--------------|--------------|----------------|---------------|
| 19R474C (1)  | 19R475C (1)  | 19R476C (1)  | 19R682C (1)    | 19R683C (1)   |
| 19R684C (1)  | 19R685C (1)  | 19R686C (1)  | 22R103C (1)    | 22R104C (1)   |
| 22R105C (1)  | 22R106C (1)  | 22R153C (1)  | 22R154C (1)    | 22R155C (1)   |
| 22R156C (1)  | 22R223C (1)  | 22R224C (1)  | 22R225C (1)    | 22R226C (1)   |
| 22R333C (1)  | 22R334C (1)  | 22R335C (1)  | 22R336C (1)    | 22R336C (1)-T |
| 22R473C (1)  | 22R474C (1)  | 22R475C (1)  | 22R476C (1)    | 22R683C (1)   |
| 22R684C (1)  | 22R685C (1)  | 22R686C (1)  | 32100C (14)    | 32101C (14)   |
| 32102C (14)  | 32150C (14)  | 32151C (14)  | 32220C (14)    | 32221C (14)   |
| 32330C (14)  | 32331C (14)  | 32470C (14)  | 32471C (14)    | 32680C (14)   |
| 32681C (14)  | 33100C (14)  | 33101C (14)  | 33102C (14)    | 33150C (14)   |
| 33151C (14)  | 33220C (14)  | 33221C (14)  | 33330C (14)    | 33331C (14)   |
| 33470C (14)  | 33471C (14)  | 33680C (14)  | 33681C (14)    | 51105C (14)   |
| 51305C (14)  | 51504C (14)  | 51505C (14)  | 52106C (14)    | 52305C (14)   |
| 52505C (14)  | 52705C (14)  | 56050C (15)  | 56100C (15)    | 56200C (15)   |
| 56300C (15)  | 56T100C (15) | 56T200C (15) | 56T300C (15)   | 60B104C (5)   |
| 60B154C (5)  | 60B224C (5)  | 60B334C (5)  | 60B473C (5)    | 60B474C (5)   |
| 60B683C (5)  | 60B684C (5)  | CD1396C (10) | CD1396C-R (10) | CD1479C (1)   |
| CD1486C (1)  | CD1488C (18) | CD1490C (18) | CD1491C (18)   | CD1496C (16)  |
| CD1519C (1)  | CD1551C (1)  | CD1576C (1)  | CD1593C (17)   | CD1621C (14)  |
| CD1629C (14) |              |              |                |               |



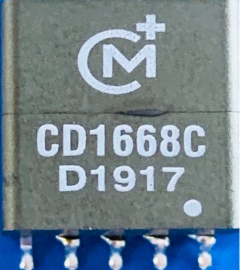


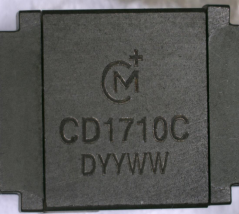








**Description of the Change:**

Currently, the product information is printed in ink. This will change to laser marking.

Products shown in the images below are only intended to demonstrate the differences in appearance between the two marking methods and may not resemble the specific markings or product for the listed SKU.

e.g.

| Ref | Ink printing  | Laser marking  |
|-----|---|--|
| 1   |    |    |
| 2   |   |   |
| 3   |  |  |
| 4   |  |  |
| 5   |  |  |
| 6   |  |  |

|    |   |   |
|----|---|---|
| 7  |  <p>A small, dark, rectangular component with two leads. The number "472C" is printed in white on the top surface.</p>                                       |  <p>A small, dark, rectangular component with two leads. The number "472C" is printed in white on the top surface.</p>                              |
| 8  |  <p>A rectangular component with a blue base and five pins. The top surface is marked with the Murata logo (M with a plus sign), "CD1668C", and "D1917".</p> |  <p>A rectangular component with a green base and five pins. The top surface is marked with the Murata logo, "CD1668C", and "D2123".</p>            |
| 9  |  <p>A rectangular component with a blue base. The top surface is marked with the Murata logo, "CD1710C", and "D1916".</p>                                    |  <p>A rectangular component with a green base. The top surface is marked with the Murata logo, "CD1710C", and "DYYWW".</p>                          |
| 10 |  <p>A small, dark, rectangular component with three pins. The top surface is marked with the Murata logo, "78250JC", and "D2037".</p>                       |  <p>A small, dark, rectangular component with three pins. The top surface is marked with the Murata logo, "78250JC", and "D2033".</p>              |
| 11 |  <p>A rectangular component with a black base. The top surface is marked with the "muRata Ps" logo, "1001C", and "D2036".</p>                              |  <p>A rectangular component with a silver base. The top surface is marked with the "muRata Ps" logo, "1001C", and "D2036".</p>                    |
| 12 |  <p>A cylindrical component with a black base. The top surface is marked with the number "475C".</p>   |  <p>A cylindrical component with a silver base. The top surface is marked with the number "475C".</p>   |
| 13 |  <p>A circular component with a black base and a central hole. The top surface is marked with the "muRata Ps" logo, "1410516C", and "D2034".</p>           |  <p>A circular component with a silver base and a central hole. The top surface is marked with the "muRata Ps" logo, "1410516C", and "D2034".</p> |

|    |   |  |
|----|---|--|
| 14 |    |    |
| 15 |    |    |
| 16 |    |    |
| 17 |   |   |
| 18 |  |  |

This change will be implemented on the following dates:

Group A - 4<sup>th</sup> October 2021

Group B - 1<sup>st</sup> November 2021

Ink printed stock will be consumed before shipping laser marked parts.

**Reason for the Change:**

Ongoing improvement of manufacturing process repeatability and efficiency.  
Elimination of material usage and waste.

**Potential Product Performance / Behavior Impact:**

The product marking will continue to be clear and legible, albeit with slightly decreased brightness.

There are no changes to the products' design, quality, guaranteed specifications, or others, as Murata continuously uses the same production process and quality control system.

**Enquiries**

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