

**Document Receipt Acknowledgement**

Date:  
Section:  
Name:



Document Number: D05077-A-A3560  
PD Ref.: HEMCA2-0026  
Date: April 1, 2022

**Attention:**

**TTI/FT WORTH/TX/HQ**

**Product Withdrawal Notice**

Low ESL Chip Multilayer Ceramic Capacitors  
LLL,LLA,LLM,LLK,LLM,LLR,LLC series  
Large Current 3 Terminals Low ESL Chip Multilayer Ceramic Capacitors (EMI Filter)  
NFM18PC225,NFM21PC475,NFM21PS106

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 discontinued as detailed below.  
Please review this, and approve in writing by Approval Due Date.  
Also, please place Last Time Buy Order by the Last Time Order Due Date as needed.  
Your understanding and support are highly appreciated.

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

Product Type: Low ESL Chip Multilayer Ceramic Capacitors  
LLL,LLA,LLM,LLK,LLM,LLR,LLC series  
Product Type: Large Current 3 Terminals Low ESL Chip Multilayer Ceramic Capacitors (EMI Filter)  
NFM18PC225,NFM21PC475,NFM21PS106

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

**2. Reasons/Background:**

The production volume of capacitors with the target product number is decreasing. Production facilities are also aging. Therefore, it is becoming difficult to maintain the production line. As there is a risk that we will not be able to supply the product in the future, we will stop production for the product number.

**3. Approval Due: Mar. 31, 2024**

Please review this, and reply to Sales for this Notice in writing by Due Date.  
In case we do not get any contacts by the Due Date,  
we will assume that this Notice with all its contents has been accepted.

**4. Product Withdrawal Schedule:**

Last Time Order Due ( \* ): Sep. 30, 2024  
Last Shipment Date: Sep. 30, 2025

\* : Last Time Order is the subject to Minimum Order Quantity and Package Quantity.  
Order Cancel and Product Return can be accepted only in the case of quality issue.  
Please place Last Time Buy Order by the Last Time Order Due Date as needed.  
We cannot receive any orders after Last Time Order Due.

**5. Contact Window:**

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

Truly Yours. Thank you.

Fukui Murata MFG. Co., Ltd.  
Product Engineering Department Capacitor Division  
Senior Manager Takahiro Tsukamoto



Document Number: D05077-A-A3560

# Confirmation Letter

**TTI/FT WORTH/TX/HQ**

Fukui Murata MFG. Co., Ltd.

## **Product Withdrawal Confirmation**

Product Type: Low ESL Chip Multilayer Ceramic Capacitors  
LLL,LLA,LLM,LLK,LLM,LLR,LLC series

Product Type: Large Current 3 Terminals Low ESL Chip Multilayer Ceramic Capacitors (EMI Filter)  
NFM18PC225,NFM21PC475,NFM21PS106

**Last Time Order Due: Sep. 30, 2024**

**Last Shipment Date: Sep. 30, 2025**

Product Withdrawal detailed below is

accepted, and we will not place Last Time Order.

accepted, and we will place Last Time Order as below.

Last Time Order Schedule:

Last Shipment Schedule:

Comments, Questions, etc.

Signature

Date: (MM, DD, YYYY)

\_\_\_\_\_

Title:

\_\_\_\_\_

Name:

**Sales History**

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.

Alternative Part Number: Size, Electrical Characteristics could be identical to or different from the current product.

| Account Number | Customer Name      | Customer Part Number | Murata Part Number | Alternative Part Number | Sales Quantity (Unit: pieces) |         |         |         |         |                  | Memo  |
|----------------|--------------------|----------------------|--------------------|-------------------------|-------------------------------|---------|---------|---------|---------|------------------|---|
|                |                    |                      |                    |                         | 2016FY                        | 2017FY  | 2018FY  | 2019FY  | 2020FY  | 2021FY till Jan. |   |
| A3560          | TTI/FT WORTH/TX/HQ | 11-1226-01           | LLL317R71A684MA01J | LLL153C70E105ME21#      | 0                             | 0       | 0       | 0       | 0       | 0                | ·LW size:0612 to 0204,<br>·T size :0.8mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:10V to 2.5V<br>·Capacitance:0.68uF to 1uF  |
| A3560          | TTI/FT WORTH/TX/HQ | LLA185C70G105ME01L   | LLA185C70G105ME01L | LLA185C70G225ME16L      | 0                             | 0       | 0       | 0       | 0       | 0                | ·Capacitance:1uF to 2.2uF   |
| A3560          | TTI/FT WORTH/TX/HQ | LLA215C70G225ME11L   | LLA215C70G225ME11L | LLA185C70G225ME16L      | 0                             | 0       | 0       | 0       | 0       | 0                | ·LW size:0508 to 0306,<br>·LW size:0508 to 0306,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:6.3V to 4V<br>·Capacitance:0.47uF to 2.2uF            |
| A3560          | TTI/FT WORTH/TX/HQ | LLA215R70J474MA14D   | LLA215R70J474MA14D | LLA185C70G225ME16L      | 0                             | 0       | 0       | 0       | 0       | 0                | ·LW size:0508 to 0306,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:6.3V to 4V<br>·Capacitance:0.47uF to 2.2uF                                      |
| A3560          | TTI/FT WORTH/TX/HQ | LLA215R70J474MA14L   | LLA215R70J474MA14L | LLA185C70G225ME16L      | 0                             | 0       | 0       | 0       | 0       | 0                | ·LW size:0508 to 0306,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:6.3V to 4V<br>·Capacitance:0.47uF to 2.2uF                                      |
| A3560          | TTI/FT WORTH/TX/HQ | LLA215R71C104MA14L   | LLA215R71C104MA14L | LLA185C70G225ME16L      | 0                             | 0       | 0       | 0       | 0       | 0                | ·LW size:0508 to 0306,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:16V to 4V<br>·Capacitance:0.1uF to 2.2uF  |
| A3560          | TTI/FT WORTH/TX/HQ | LLA215R71C473MA14L   | LLA215R71C473MA14L | LLA185C70G225ME16L      | 0                             | 0       | 0       | 0       | 0       | 0                | ·LW size:0508 to 0306,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:16V to 4V<br>·Capacitance:0.1uF to 2.2uF  |
| A3560          | TTI/FT WORTH/TX/HQ | LLA215R71E103MA14L   | LLA215R71E103MA14L | LLA185C70G225ME16L      | 0                             | 0       | 0       | 0       | 0       | 0                | ·LW size:0508 to 0306,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:25V to 4V<br>·Capacitance:0.01uF to 2.2uF                                       |
| A3560          | TTI/FT WORTH/TX/HQ | LLA215R71E223MA14L   | LLA215R71E223MA14L | LLA185C70G225ME16L      | 0                             | 0       | 0       | 0       | 0       | 0                | ·LW size:0508 to 0306,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:25V to 4V<br>·Capacitance:0.022uF to 2.2uF                                      |
| A3560          | TTI/FT WORTH/TX/HQ | LLA219C70G225MA01L   | LLA219C70G225MA01L | LLA185C70G225ME16L      | 0                             | 0       | 0       | 0       | 0       | 0                | ·LW size:0508 to 0306,<br>·T size :0.95mm max to 0.55mm max,<br>·Capacitance:4.7uF to 2.2uF   |
| A3560          | TTI/FT WORTH/TX/HQ | LLA219C70G475ME01L   | LLA219C70G475ME01L | LLA185C70G225ME16L      | 0                             | 0       | 0       | 0       | 0       | 0                | ·LW size:0508 to 0306,<br>·T size :0.95mm max to 0.55mm max,<br>·Capacitance:4.7uF to 2.2uF   |
| A3560          | TTI/FT WORTH/TX/HQ | LLA219R70J105MA01L   | LLA219R70J105MA01L | LLA185C70G225ME16L      | 0                             | 0       | 0       | 0       | 0       | 0                | ·LW size:0508 to 0306,<br>·T size :0.95mm max to 0.55mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:6.3V to 4V<br>·Capacitance:1uF to 2.2uF   |
| A3560          | TTI/FT WORTH/TX/HQ | LLA219R71A474MA01L   | LLA219R71A474MA01L | LLA185C70G225ME16L      | 0                             | 0       | 0       | 0       | 0       | 0                | ·LW size:0508 to 0306,<br>·T size :0.95mm max to 0.55mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:10V to 4V<br>·Capacitance:0.47uF to 2.2uF |
| A3560          | TTI/FT WORTH/TX/HQ | LLA219R71C104MA01L   | LLA219R71C104MA01L | LLA185C70G225ME16L      | 0                             | 0       | 0       | 0       | 0       | 0                | ·LW size:0508 to 0306,<br>·T size :0.95mm max to 0.55mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:16V to 4V<br>·Capacitance:0.1uF to 2.2uF  |
| A3560          | TTI/FT WORTH/TX/HQ | LLA219R71C224MA01L   | LLA219R71C224MA01L | LLA185C70G225ME16L      | 0                             | 0       | 0       | 0       | 0       | 0                | ·LW size:0508 to 0306,<br>·T size :0.95mm max to 0.55mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:16V to 4V<br>·Capacitance:0.22uF to 2.2uF |
| A3560          | TTI/FT WORTH/TX/HQ | LLA219R71E103MA01L   | LLA219R71E103MA01L | LLA185C70G225ME16L      | 0                             | 0       | 0       | 0       | 0       | 0                | ·LW size:0508 to 0306,<br>·T size :0.95mm max to 0.55mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:25V to 4V<br>·Capacitance:0.01uF to 2.2uF |
| A3560          | TTI/FT WORTH/TX/HQ | LLL153C70G104ME01E   | LLL153C70G104ME01E | LLL153C70E105ME21#      | 0                             | 70,000  | 0       | 0       | 0       | 0                | ·Rated Voltage:4V to 2.5V,<br>·Capacitance:0.1uF to 1uF   |
| A3560          | TTI/FT WORTH/TX/HQ | LLL153C80J104ME01E   | LLL153C80J104ME01E | LLL153C80G105ME21#      | 400,000                       | 300,000 | 600,000 | 130,000 | 120,000 | 190,000          | ·Rated Voltage:6.3V to 4V,<br>·Capacitance:0.1uF to 1uF   |
| A3560          | TTI/FT WORTH/TX/HQ | LLL153C80J224ME14E   | LLL153C80J224ME14E | LLL153C80G105ME21#      | 60,000                        | 0       | 0       | 20,000  | 60,000  | 400,000          | ·Rated Voltage:6.3V to 4V,<br>·Capacitance:0.22uF to 1uF  |
| A3560          | TTI/FT WORTH/TX/HQ | LLL153R61A104ME01E   | LLL153R61A104ME01E | LLL153C80G105ME21#      | 0                             | 0       | 0       | 0       | 0       | 0                | ·Temperature characteristics:X5R to X6S<br>·Rated Voltage:10V to 4V,<br>·Capacitance:0.1uF to 1uF   |

|       |                    |                    |                    |                    |         |         |         |         |         |         |   |
|-------|--------------------|--------------------|--------------------|--------------------|---------|---------|---------|---------|---------|---------|---|
| A3560 | TTI/FT WORTH/TX/HQ | LLL185C70G105ME01L | LLL185C70G105ME01L | LLL153C70E105ME21D | 36,000  | 28,000  | 4,000   | 16,000  | 60,000  | 16,000  | ·LW size:0306 to 0204,<br>·T size :0.6mm max to 0.35mm max,<br>·Rated Voltage:4V to 2.5V,   |
| A3560 | TTI/FT WORTH/TX/HQ | LLL185C70G225ME01L | LLL185C70G225ME01L | LLL153C70E105ME21D | 48,000  | 376,000 | 80,000  | 16,000  | 200,000 | 0       | ·LW size:0306 to 0204,<br>·T size :0.6mm max to 0.35mm max,<br>·Rated Voltage:4V to 2.5V,<br>·Capacitance:2.2uF to 1uF  |
| A3560 | TTI/FT WORTH/TX/HQ | LLL185C70G474MA01L | LLL185C70G474MA01L | LLL153C70E105ME21D | 0       | 0       | 0       | 0       | 0       | 0       | ·LW size:0306 to 0204,<br>·T size :0.6mm max to 0.35mm max,<br>·Rated Voltage:4V to 2.5V,<br>·Capacitance:0.47uF to 1uF   |
| A3560 | TTI/FT WORTH/TX/HQ | LLL185C70G475ME17L | LLL185C70G475ME17L | LLL153C70E105ME21D | 0       | 0       | 0       | 0       | 0       | 0       | ·LW size:0306 to 0204,<br>·T size :0.6mm max to 0.35mm max,<br>·Rated Voltage:4V to 2.5V,<br>·Capacitance:4.7uF to 1uF  |
| A3560 | TTI/FT WORTH/TX/HQ | LLL185R70J224MA01L | LLL185R70J224MA01L | LLL153C70E105ME21D | 0       | 0       | 0       | 0       | 0       | 0       | ·LW size:0306 to 0204,<br>·T size :0.6mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:6.3V to 2.5V,<br>·Capacitance:0.22uF to 1uF,   |
| A3560 | TTI/FT WORTH/TX/HQ | LLL185R71A104KA01L | LLL185R71A104KA01L | LLL153C70E105ME21D | 24,000  | 44,000  | 88,000  | 0       | 0       | 0       | ·LW size:0306 to 0204,<br>·T size :0.6mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:10V to 2.5V,<br>·Capacitance:0.1uF to 1uF,<br>·Tolerance of capacitance:±10% to 20%  |
| A3560 | TTI/FT WORTH/TX/HQ | LLL185R71A104MA01L | LLL185R71A104MA01L | LLL153C70E105ME21D | 260,000 | 160,000 | 720,000 | 320,000 | 320,000 | 576,000 | ·LW size:0306 to 0204,<br>·T size :0.6mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:10V to 2.5V,<br>·Capacitance:0.1uF to 1uF,   |
| A3560 | TTI/FT WORTH/TX/HQ | LLL185R71A104MA11L | LLL185R71A104MA11L | LLL153C70E105ME21D | 196,000 | 52,000  | 196,000 | 0       | 0       | 20,000  | ·LW size:0306 to 0204,<br>·T size :0.6mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:10V to 2.5V,<br>·Capacitance:0.1uF to 1uF,   |
| A3560 | TTI/FT WORTH/TX/HQ | LLL185R71A224MA01L | LLL185R71A224MA01L | LLL153C70E105ME21D | 16,000  | 0       | 8,000   | 8,000   | 0       | 0       | ·LW size:0306 to 0204,<br>·T size :0.6mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:10V to 2.5V,<br>·Capacitance:0.22uF to 1uF,  |
| A3560 | TTI/FT WORTH/TX/HQ | LLL185R71C103KA01L | LLL185R71C103KA01L | LLL153C70E105ME21D | 0       | 0       | 0       | 0       | 0       | 0       | ·LW size:0306 to 0204,<br>·T size :0.6mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:16V to 2.5V,<br>·Capacitance:0.01uF to 1uF<br>·Tolerance of capacitance:±10% to 20%, |
| A3560 | TTI/FT WORTH/TX/HQ | LLL185R71C103MA11L | LLL185R71C103MA11L | LLL153C70E105ME21D | 8,000   | 0       | 0       | 0       | 8,000   | 16,000  | ·LW size:0306 to 0204,<br>·T size :0.6mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:16V to 2.5V,<br>·Capacitance:0.01uF to 1uF   |
| A3560 | TTI/FT WORTH/TX/HQ | LLL185R71C223MA11L | LLL185R71C223MA11L | LLL153C70E105ME21D | 0       | 0       | 0       | 0       | 0       | 0       | ·LW size:0306 to 0204,<br>·T size :0.6mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:16V to 2.5V,<br>·Capacitance:0.022uF to 1uF  |
| A3560 | TTI/FT WORTH/TX/HQ | LLL185R71C473MA01L | LLL185R71C473MA01L | LLL153C70E105ME21D | 0       | 0       | 184,000 | 8,000   | 0       | 12,000  | ·LW size:0306 to 0204,<br>·T size :0.6mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:16V to 2.5V,<br>·Capacitance:0.047uF to 1uF  |
| A3560 | TTI/FT WORTH/TX/HQ | LLL185R71E103MA01L | LLL185R71E103MA01L | LLL153C70E105ME21D | 72,000  | 56,000  | 140,000 | 180,000 | 124,000 | 140,000 | ·LW size:0306 to 0204,<br>·T size :0.6mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:25V to 2.5V,<br>·Capacitance:0.01uF to 1uF   |
| A3560 | TTI/FT WORTH/TX/HQ | LLL185R71E103MA11L | LLL185R71E103MA11L | LLL153C70E105ME21D | 0       | 0       | 0       | 0       | 0       | 0       | ·LW size:0306 to 0204,<br>·T size :0.6mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:25V to 2.5V,<br>·Capacitance:0.01uF to 1uF   |
| A3560 | TTI/FT WORTH/TX/HQ | LLL185R71E223MA01L | LLL185R71E223MA01L | LLL153C70E105ME21D | 140,000 | 8,000   | 16,000  | 8,000   | 4,000   | 8,000   | ·LW size:0306 to 0204,<br>·T size :0.6mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:25V to 2.5V,<br>·Capacitance:0.022uF to 1uF  |
| A3560 | TTI/FT WORTH/TX/HQ | LLL185R71H222MA01L | LLL185R71H222MA01L | LLL153C70E105ME21D | 0       | 0       | 0       | 0       | 0       | 0       | ·LW size:0306 to 0204,<br>·T size :0.6mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:50V to 2.5V,<br>·Capacitance:2.2nF to 1uF  |

|       |                    |                    |                    |                    |         |         |         |        |        |        |   |
|-------|--------------------|--------------------|--------------------|--------------------|---------|---------|---------|--------|--------|--------|---|
| A3560 | TTI/FT WORTH/TX/HQ | LLL185R71H472MA01L | LLL185R71H472MA01L | LLL153C70E105ME21D | 0       | 4,000   | 24,000  | 8,000  | 12,000 | 24,000 | ·LW size:0306 to 0204,<br>·T size :0.6mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:50V to 2.5V,<br>·Capacitance:4.7nF to 1uF  |
| A3560 | TTI/FT WORTH/TX/HQ | LLL215C70G105MA11L | LLL215C70G105MA11L | LLL153C70E105ME21D | 0       | 0       | 0       | 0      | 0      | 0      | ·LW size:0508 to 0204,<br>·T size :0.5mm max to 0.35mm max,<br>·Rated Voltage:4V to 2.5V,   |
| A3560 | TTI/FT WORTH/TX/HQ | LLL215R70J474MA11L | LLL215R70J474MA11L | LLL153C70E105ME21D | 0       | 0       | 0       | 0      | 0      | 0      | ·LW size:0508 to 0204,<br>·T size :0.5mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:6.3V to 2.5V,<br>·Capacitance:0.47uF to 1uF  |
| A3560 | TTI/FT WORTH/TX/HQ | LLL215R71A224MA11L | LLL215R71A224MA11L | LLL153C70E105ME21D | 0       | 0       | 0       | 0      | 0      | 0      | ·LW size:0508 to 0204,<br>·T size :0.5mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:10V to 2.5V,<br>·Capacitance:0.22uF to 1uF   |
| A3560 | TTI/FT WORTH/TX/HQ | LLL215R71C104MA11L | LLL215R71C104MA11L | LLL153C70E105ME21D | 0       | 0       | 0       | 0      | 0      | 0      | ·LW size:0508 to 0204,<br>·T size :0.5mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:16V to 2.5V,<br>·Capacitance:0.1uF to 1uF  |
| A3560 | TTI/FT WORTH/TX/HQ | LLL215R71C473MA11L | LLL215R71C473MA11L | LLL153C70E105ME21D | 0       | 0       | 0       | 0      | 0      | 0      | ·LW size:0508 to 0204,<br>·T size :0.5mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:16V to 2.5V,<br>·Capacitance:0.047uF to 1uF  |
| A3560 | TTI/FT WORTH/TX/HQ | LLL215R71H103MA11L | LLL215R71H103MA11L | LLL153C70E105ME21D | 0       | 0       | 0       | 0      | 0      | 0      | ·LW size:0508 to 0204,<br>·T size :0.5mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:50V to 2.5V,<br>·Capacitance:0.01uF to 1uF   |
| A3560 | TTI/FT WORTH/TX/HQ | LLL216R71A224MA01L | LLL216R71A224MA01L | LLL153C70E105ME21D | 4,000   | 4,000   | 0       | 0      | 0      | 0      | ·LW size:0508 to 0204,<br>·T size :0.7mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:16V to 2.5V,<br>·Capacitance:0.22uF to 1uF   |
| A3560 | TTI/FT WORTH/TX/HQ | LLL216R71C104KA01L | LLL216R71C104KA01L | LLL153C70E105ME21D | 0       | 0       | 0       | 0      | 0      | 0      | ·LW size:0508 to 0204,<br>·T size :0.7mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:16V to 2.5V,<br>·Capacitance:0.1uF to 1uF<br>·Tolerance of capacitance:±10% to 20% |
| A3560 | TTI/FT WORTH/TX/HQ | LLL216R71E104KA01L | LLL216R71E104KA01L | LLL153C70E105ME21D | 40,000  | 20,000  | 0       | 0      | 0      | 0      | ·LW size:0508 to 0204,<br>·T size :0.7mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:25V to 2.5V,<br>·Capacitance:0.1uF to 1uF<br>·Tolerance of capacitance:±10% to 20% |
| A3560 | TTI/FT WORTH/TX/HQ | LLL216R71E104MA01L | LLL216R71E104MA01L | LLL153C70E105ME21D | 600,000 | 704,000 | 376,000 | 0      | 0      | 0      | ·LW size:0508 to 0204,<br>·T size :0.7mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:25V to 2.5V,<br>·Capacitance:0.1uF to 1uF  |
| A3560 | TTI/FT WORTH/TX/HQ | LLL216R71H103MA01L | LLL216R71H103MA01L | LLL153C70E105ME21D | 96,000  | 0       | 56,000  | 32,000 | 40,000 | 60,000 | ·LW size:0508 to 0204,<br>·T size :0.7mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:50V to 2.5V,<br>·Capacitance:0.01uF to 1uF   |
| A3560 | TTI/FT WORTH/TX/HQ | LLL216R71H153MA01L | LLL216R71H153MA01L | LLL153C70E105ME21D | 0       | 0       | 0       | 0      | 0      | 0      | ·LW size:0508 to 0204,<br>·T size :0.7mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:50V to 2.5V,<br>·Capacitance:0.015uF to 1uF  |
| A3560 | TTI/FT WORTH/TX/HQ | LLL216R71H223MA01L | LLL216R71H223MA01L | LLL153C70E105ME21D | 0       | 0       | 0       | 0      | 0      | 0      | ·LW size:0508 to 0204,<br>·T size :0.7mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:50V to 2.5V,<br>·Capacitance:0.022uF to 1uF  |
| A3560 | TTI/FT WORTH/TX/HQ | LLL216R71H822MA01L | LLL216R71H822MA01L | LLL153C70E105ME21D | 0       | 0       | 0       | 0      | 0      | 0      | ·LW size:0508 to 0204,<br>·T size :0.7mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:50V to 2.5V,<br>·Capacitance:8.2nF to 1uF  |
| A3560 | TTI/FT WORTH/TX/HQ | LLL219C70G225MA01L | LLL219C70G225MA01L | LLL153C70E105ME21D | 6,000   | 0       | 3,000   | 0      | 0      | 0      | ·LW size:0508 to 0204,<br>·T size :0.95mm max to 0.35mm max,<br>·Rated Voltage:4V to 2.5V,<br>·Capacitance:2.2uF to 1uF   |
| A3560 | TTI/FT WORTH/TX/HQ | LLL219R70J105MA01L | LLL219R70J105MA01L | LLL153C70E105ME21D | 0       | 0       | 0       | 0      | 0      | 0      | ·LW size:0508 to 0204,<br>·T size :0.95mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:6.3V to 2.5V,   |



|       |                       |                    |                    |                    |        |        |         |        |         |         |   |
|-------|-----------------------|--------------------|--------------------|--------------------|--------|--------|---------|--------|---------|---------|---|
| A3560 | TTI/FT WORTH/TX/HQ    | LLL31MR71A225KA01L | LLL31MR71A225KA01L | LLL153C70E105ME21D | 0      | 0      | 0       | 0      | 0       | 0       | <ul style="list-style-type: none"> <li>-LW size:0612 to 0204,</li> <li>-T size :1.25mm max to 0.35mm max,</li> <li>-Temperature characteristics:X7R to X7S</li> <li>-Rated Voltage:10V to 2.5V</li> <li>-Capacitance:2.2uF to 1uF</li> <li>-Tolerance of capacitance:±10% to 20%</li> </ul>   |
| A3560 | TTI/FT WORTH/TX/HQ    | LLL31MR71A225MA01L | LLL31MR71A225MA01L | LLL153C70E105ME21D | 0      | 0      | 0       | 0      | 0       | 0       | <ul style="list-style-type: none"> <li>-LW size:0612 to 0204,</li> <li>-T size :1.25mm max to 0.35mm max,</li> <li>-Temperature characteristics:X7R to X7S</li> <li>-Rated Voltage:10V to 2.5V</li> <li>-Capacitance:2.2uF to 1uF</li> </ul>  |
| A3560 | TTI/FT WORTH/TX/HQ    | LLL31MR71C105MA01L | LLL31MR71C105MA01L | LLL153C70E105ME21D | 0      | 0      | 0       | 0      | 0       | 0       | <ul style="list-style-type: none"> <li>-LW size:0612 to 0204,</li> <li>-T size :1.25mm max to 0.35mm max,</li> <li>-Temperature characteristics:X7R to X7S</li> <li>-Rated Voltage:16V to 2.5V</li> </ul>   |
| A3560 | TTI/FT WORTH/TX/HQ    | LLL31MR71E224KA01L | LLL31MR71E224KA01L | LLL153C70E105ME21D | 0      | 0      | 0       | 0      | 0       | 0       | <ul style="list-style-type: none"> <li>-LW size:0612 to 0204,</li> <li>-T size :1.25mm max to 0.35mm max,</li> <li>-Temperature characteristics:X7R to X7S</li> <li>-Rated Voltage:25V to 2.5V</li> <li>-Capacitance:0.22uF to 1uF</li> <li>-Tolerance of capacitance:±10% to 20%</li> </ul>  |
| A3560 | TTI/FT WORTH/TX/HQ    | LLL31MR71E224MA01L | LLL31MR71E224MA01L | LLL153C70E105ME21D | 0      | 0      | 0       | 0      | 0       | 0       | <ul style="list-style-type: none"> <li>-LW size:0612 to 0204,</li> <li>-T size :1.25mm max to 0.35mm max,</li> <li>-Temperature characteristics:X7R to X7S</li> <li>-Rated Voltage:25V to 2.5V</li> <li>-Capacitance:0.22uF to 1uF</li> </ul>   |
| A3560 | TTI/FT WORTH/TX/HQ    | LLL31MR71E474MA01L | LLL31MR71E474MA01L | LLL153C70E105ME21D | 15,000 | 6,000  | 12,000  | 0      | 0       | 21,000  | <ul style="list-style-type: none"> <li>-LW size:0612 to 0204,</li> <li>-T size :1.25mm max to 0.35mm max,</li> <li>-Temperature characteristics:X7R to X7S</li> <li>-Rated Voltage:25V to 2.5V</li> <li>-Capacitance:0.47uF to 1uF</li> </ul>   |
| A3560 | TTI/FT WORTH/TX/HQ    | LLL31MR71H104MA01L | LLL31MR71H104MA01L | LLL153C70E105ME21D | 6,000  | 0      | 0       | 6,000  | 27,000  | 0       | <ul style="list-style-type: none"> <li>-LW size:0612 to 0204,</li> <li>-T size :1.25mm max to 0.35mm max,</li> <li>-Temperature characteristics:X7R to X7S</li> <li>-Rated Voltage:50V to 2.5V</li> <li>-Capacitance:0.1uF to 1uF</li> </ul>  |
| A3560 | TTI/FT WORTH/TX/HQ    | LLL31MR71H823KA01L | LLL31MR71H823KA01L | LLL153C70E105ME21D | 0      | 0      | 0       | 0      | 0       | 0       | <ul style="list-style-type: none"> <li>-LW size:0612 to 0204,</li> <li>-T size :1.25mm max to 0.35mm max,</li> <li>-Temperature characteristics:X7R to X7S</li> <li>-Rated Voltage:50V to 2.5V</li> <li>-Capacitance:0.082uF to 1uF</li> <li>-Tolerance of capacitance:±10% to 20%</li> </ul> |
| A3560 | TTI/FT WORTH/TX/HQ    | LLL31MR71H823MA01L | LLL31MR71H823MA01L | LLL153C70E105ME21D | 0      | 0      | 0       | 0      | 0       | 0       | <ul style="list-style-type: none"> <li>-LW size:0612 to 0204,</li> <li>-T size :1.25mm max to 0.35mm max,</li> <li>-Temperature characteristics:X7R to X7S</li> <li>-Rated Voltage:50V to 2.5V</li> <li>-Capacitance:0.082uF to 1uF</li> </ul>  |
| A3560 | TTI/FT WORTH/TX/HQ    | LLM215C70G105MA11L | LLM215C70G105MA11L | LLA185C70G225ME16L | 0      | 0      | 0       | 0      | 0       | 0       | <ul style="list-style-type: none"> <li>-10 Terminals to 8 Terminals</li> <li>-LW size:0508 to 0306,</li> <li>-Capacitance:1uF to 2.2uF</li> </ul>   |
| A3560 | TTI/FT WORTH/TX/HQ    | LLM215C70G225ME11L | LLM215C70G225ME11L | LLA185C70G225ME16L | 0      | 0      | 0       | 0      | 0       | 0       | <ul style="list-style-type: none"> <li>-10 Terminals to 8 Terminals</li> <li>-LW size:0508 to 0306,</li> </ul>  |
| A3560 | TTI/FT WORTH/TX/HQ    | LLM215R70J224MA11L | LLM215R70J224MA11L | LLA185C70G225ME16L | 0      | 0      | 0       | 0      | 0       | 0       | <ul style="list-style-type: none"> <li>-10 Terminals to 8 Terminals</li> <li>-LW size:0508 to 0306,</li> <li>-Temperature characteristics:X7R to X7S</li> <li>-Rated Voltage:6.3V to 4V</li> <li>-Capacitance:0.22uF to 2.2uF</li> </ul>  |
| A3560 | TTI/FT WORTH/TX/HQ    | LLM215R70J474MA11L | LLM215R70J474MA11L | LLA185C70G225ME16L | 0      | 0      | 0       | 0      | 0       | 0       | <ul style="list-style-type: none"> <li>-10 Terminals to 8 Terminals</li> <li>-LW size:0508 to 0306,</li> <li>-Temperature characteristics:X7R to X7S</li> <li>-Rated Voltage:6.3V to 4V</li> <li>-Capacitance:0.47uF to 2.2uF</li> </ul>  |
| A3560 | TTI/FT WORTH/TX/HQ    | LLR185C70G105ME01L | LLR185C70G105ME01L | LLL153C70E105ME21D | 0      | 0      | 0       | 0      | 0       | 0       | <ul style="list-style-type: none"> <li>-LW size:0306 to 0204,</li> <li>-T size :0.55mm max to 0.35mm max</li> <li>- Rated Voltage:4V to 2.5V</li> <li>- ESR No Control</li> </ul>   |
| A3560 | TTI/FT WORTH/TX/HQ    | NFM18PC225B0J3D    | NFM18PC225B0J3D    | NFM18PC106D0J3L    | 0      | 0      | 0       | 0      | 8,000   | 4,000   | <ul style="list-style-type: none"> <li>-LW size:1.6±0.2,1.08±0.1[mm] to 1.6±0.2,0.8±0.2[mm], -T size :0.7max to 1.35max, -Capacitance:2.2uF to 10uF,</li> <li>-Rated Current:2A to 4A</li> </ul>  |
| A3560 | TTI/FT WORTH/TX/HQ    | NFM18PC225B1A3D    | NFM18PC225B1A3D    | NFM18PC106D0J3L    | 32,000 | 20,000 | 112,000 | 64,000 | 172,000 | 300,000 | <ul style="list-style-type: none"> <li>-LW size:1.6±0.2,1.08±0.1[mm] to 1.6±0.2,0.8±0.2[mm], -T size :0.9max to 1.35max, -Capacitance:2.2uF to 10uF,</li> <li>-Rated Voltage:10V to 6.3V</li> </ul>   |
| A3560 | TTI/FT WORTH/TX/HQ    | NFM21PC475B1A3D    | NFM21PC475B1A3D    | NFM18PC106D0J3L    | 52,000 | 40,000 | 44,000  | 0      | 100,000 | 100,000 | <ul style="list-style-type: none"> <li>-LW size:2.0±0.2,1.25±0.1[mm] to 1.6±0.2,0.8±0.2[mm], -T size :0.95max to 1.35max, -Capacitance:4.7uF to 10uF,</li> <li>-Rated Voltage:10V to 6.3V, -Rated Current:6A to 4A</li> </ul>   |
| A3560 | TTI/FT WORTH/TX/HQ    | NFM21PS106B0J3D    | NFM21PS106B0J3D    | NFM18PC106D0J3L    | 12,000 | 28,000 | 76,000  | 16,000 | 24,000  | 40,000  | <ul style="list-style-type: none"> <li>-LW size:2.0±0.2,1.25±0.1[mm] to 1.6±0.2,0.8±0.2[mm], -T size :0.95max to 1.35max,</li> </ul>  |
| A4288 | TTI/NOKIA/FT WORTH/TX | 10-0058-01         | LLA219R71C104MA01L | LLA185C70G225ME16L | 0      | 0      | 0       | 0      | 0       | 0       | <ul style="list-style-type: none"> <li>-LW size:0508 to 0306,</li> <li>-T size :0.95mm max to 0.55mm max,</li> <li>-Temperature characteristics:X7R to X7S</li> <li>-Rated Voltage:16V to 4V</li> <li>-Capacitance:0.1uF to 2.2uF</li> </ul>  |

|       |                       |                       |                    |                    |   |   |   |   |         |         |  |
|-------|-----------------------|-----------------------|--------------------|--------------------|---|---|---|---|---------|---------|--|
| A4288 | TTI/NOKIA/FT WORTH/TX | 10-0340-01            | LLL185C70G225ME01L | LLL153C70E105ME21D | 0 | 0 | 0 | 0 | 0       | 0       | -LW size:0306 to 0204,<br>-T size :0.6mm max to 0.35mm max,<br>-Rated Voltage:4V to 2.5V,<br>-Capacitance:2.2uF to 1uF   |
| A4288 | TTI/NOKIA/FT WORTH/TX | 10-0544-01            | NFM21PS106B0J3D    | NFM18PC106D0J3L    | 0 | 0 | 0 | 0 | 0       | 0       | -LW size:2.0±0.2,1.25±0.1[mm] to 1.6±0.2,0.8±0.2[mm], -T size :0.95max to 1.35max  |
| A4288 | TTI/NOKIA/FT WORTH/TX | 1AB182870003          | LLL31MR60J106ME01L | LLL153C80G105ME21D | 0 | 0 | 0 | 0 | 0       | 0       | -LW size:0612 to 0204,<br>-T size :1.25mm max to 0.35mm max,<br>-Temperature characteristics:X5R to X6S<br>-Rated Voltage:6.3V to 4V<br>-Capacitance:10uF to 1uF   |
| A4288 | TTI/NOKIA/FT WORTH/TX | 1AB449210001          | NFM21PS106B0J3D    | NFM18PC106D0J3L    | 0 | 0 | 0 | 0 | 0       | 0       | -LW size:2.0±0.2,1.25±0.1[mm] to 1.6±0.2,0.8±0.2[mm], -T size :0.95max to 1.35max  |
| A4288 | TTI/NOKIA/FT WORTH/TX | 1AB479310001          | NFM18PC225B1A3D    | NFM18PC106D0J3L    | 0 | 0 | 0 | 0 | 0       | 0       | -LW size:1.6±0.1,0.8±0.1[mm] to 1.6±0.2,0.8±0.2[mm], -T size :0.9max to 1.35max, -Capacitance:2.2uF to 10uF,<br>-Rated Voltage:10V to 6.3V                         |
| A4288 | TTI/NOKIA/FT WORTH/TX | LLA219R71C104MA01L    | LLA219R71C104MA01L | LLA185C70G225ME16L | 0 | 0 | 0 | 0 | 0       | 0       | -LW size:0508 to 0306,<br>-T size :0.95mm max to 0.55mm max,<br>-Temperature characteristics:X7R to X7S<br>-Rated Voltage:16V to 4V<br>-Capacitance:0.1uF to 2.2uF |
| A4288 | TTI/NOKIA/FT WORTH/TX | LLL185C70G225ME01L    | LLL185C70G225ME01L | LLL153C70E105ME21D | 0 | 0 | 0 | 0 | 0       | 0       | -LW size:0306 to 0204,<br>-T size :0.6mm max to 0.35mm max,<br>-Rated Voltage:4V to 2.5V,<br>-Capacitance:2.2uF to 1uF   |
| A4288 | TTI/NOKIA/FT WORTH/TX | LLL31MR60J106ME01L    | LLL31MR60J106ME01L | LLL153C80G105ME21D | 0 | 0 | 0 | 0 | 27,000  | 0       | -LW size:0612 to 0204,<br>-T size :1.25mm max to 0.35mm max,<br>-Temperature characteristics:X5R to X6S<br>-Rated Voltage:6.3V to 4V<br>-Capacitance:10uF to 1uF   |
| A4288 | TTI/NOKIA/FT WORTH/TX | MUNLLA219R71C104MA01L | LLA219R71C104MA01L | LLA185C70G225ME16L | 0 | 0 | 0 | 0 | 315,000 | 270,000 | -LW size:0508 to 0306,<br>-T size :0.95mm max to 0.55mm max,<br>-Temperature characteristics:X7R to X7S<br>-Rated Voltage:16V to 4V<br>-Capacitance:0.1uF to 2.2uF |
| A4288 | TTI/NOKIA/FT WORTH/TX | MUNLLL185C70G225ME01L | LLL185C70G225ME01L | LLL153C70E105ME21D | 0 | 0 | 0 | 0 | 476,000 | 740,000 | -LW size:0306 to 0204,<br>-T size :0.6mm max to 0.35mm max,<br>-Rated Voltage:4V to 2.5V,<br>-Capacitance:2.2uF to 1uF   |
| A4288 | TTI/NOKIA/FT WORTH/TX | MUNLLL31MR60J106ME01L | LLL31MR60J106ME01L | LLL153C80G105ME21D | 0 | 0 | 0 | 0 | 57,000  | 120,000 | -LW size:0612 to 0204,<br>-T size :1.25mm max to 0.35mm max,<br>-Temperature characteristics:X5R to X6S<br>-Rated Voltage:6.3V to 4V<br>-Capacitance:10uF to 1uF   |
| A4288 | TTI/NOKIA/FT WORTH/TX | MUNNFM18PC225B1A3D    | NFM18PC225B1A3D    | NFM18PC106D0J3L    | 0 | 0 | 0 | 0 | 0       | 0       | -LW size:1.6±0.1,0.8±0.1[mm] to 1.6±0.2,0.8±0.2[mm], -T size :0.9max to 1.35max, -Capacitance:2.2uF to 10uF,<br>-Rated Voltage:10V to 6.3V                         |
| A4288 | TTI/NOKIA/FT WORTH/TX | MUNNFM21PS106B0J3D    | NFM21PS106B0J3D    | NFM18PC106D0J3L    | 0 | 0 | 0 | 0 | 448,000 | 940,000 | -LW size:2.0±0.2,1.25±0.1[mm] to 1.6±0.2,0.8±0.2[mm], -T size :0.95max to 1.35max  |
| A4288 | TTI/NOKIA/FT WORTH/TX | NFM18PC225B1A3D       | NFM18PC225B1A3D    | NFM18PC106D0J3L    | 0 | 0 | 0 | 0 | 28,000  | 0       | -LW size:1.6±0.1,0.8±0.1[mm] to 1.6±0.2,0.8±0.2[mm], -T size :0.9max to 1.35max, -Capacitance:2.2uF to 10uF,<br>-Rated Voltage:10V to 6.3V                         |
| A4288 | TTI/NOKIA/FT WORTH/TX | NFM21PS106B0J3D       | NFM21PS106B0J3D    | NFM18PC106D0J3L    | 0 | 0 | 0 | 0 | 40,000  | 0       | -LW size:2.0±0.2,1.25±0.1[mm] to 1.6±0.2,0.8±0.2[mm], -T size :0.95max to 1.35max  |





**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.  
 Alternative Part Number: Size, Electrical Characteristics could be identical to or different from the current product.

| Customer Part Number | Murata Part Number | Alternative Part Number | Sales Quantity (Unit: pieces) |        |        |        |        |                  | Memo   |
|----------------------|--------------------|-------------------------|-------------------------------|--------|--------|--------|--------|------------------|--|
|                      |                    |                         | 2016FY                        | 2017FY | 2018FY | 2019FY | 2020FY | 2021FY till Jan. |  |
| 10-0058-01           | LLA219R71C104MA01L | LLA185C70G225ME16L      | 0                             | 0      | 0      | 0      | 0      | 0                | ·LW size:0508 to 0306,<br>·T size :0.95mm max to 0.55mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:16V to 4V<br>·Capacitance:0.1uF to 2.2uF |
| 10-0340-01           | LLL185C70G225ME01L | LLL153C70E105ME21D      | 0                             | 0      | 0      | 0      | 0      | 0                | ·LW size:0306 to 0204,<br>·T size :0.6mm max to 0.35mm max,<br>·Rated Voltage:4V to 2.5V,<br>·Capacitance:2.2uF to 1uF   |
| 10-0544-01           | NFM21PS106B0J3D    | NFM18PC106D0J3L         | 0                             | 0      | 0      | 0      | 0      | 0                | ·LW size:2.0±0.2,1.25±0.1[mm] to 1.6±0.2,0.8±0.2[mm], ·T size :0.95max to 1.35max,   |
| 11-1226-01           | LLL317R71A684MA01J | LLL153C70E105ME21#      | 0                             | 0      | 0      | 0      | 0      | 0                | ·LW size:0612 to 0204,<br>·T size :0.8mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:10V to 2.5V<br>·Capacitance:0.68uF to 1uF |
| 1AB182870003         | LLL31MR60J106ME01L | LLL153C80G105ME21D      | 0                             | 0      | 0      | 0      | 0      | 0                | ·LW size:0612 to 0204,<br>·T size :1.25mm max to 0.35mm max,<br>·Temperature characteristics:X5R to X6S<br>·Rated Voltage:6.3V to 4V<br>·Capacitance:10uF to 1uF   |
| 1AB449210001         | NFM21PS106B0J3D    | NFM18PC106D0J3L         | 0                             | 0      | 0      | 0      | 0      | 0                | ·LW size:2.0±0.2,1.25±0.1[mm] to 1.6±0.2,0.8±0.2[mm], ·T size :0.95max to 1.35max,   |
| 1AB479310001         | NFM18PC225B1A3D    | NFM18PC106D0J3L         | 0                             | 0      | 0      | 0      | 0      | 0                | ·LW size:1.6±0.1,0.8±0.1[mm] to 1.6±0.2,0.8±0.2[mm], ·T size :0.9max to 1.35max, ·Capacitance:2.2uF to 10uF,<br>·Rated Voltage:10V to 6.3V                         |
| LLA185C70G105ME01L   | LLA185C70G105ME01L | LLA185C70G225ME16L      | 0                             | 0      | 0      | 0      | 0      | 0                | ·Capacitance:1uF to 2.2uF  |
| LLA215C70G225ME11L   | LLA215C70G225ME11L | LLA185C70G225ME16L      | 0                             | 0      | 0      | 0      | 0      | 0                | ·LW size:0508 to 0306,   |
| LLA215R70J474MA14D   | LLA215R70J474MA14D | LLA185C70G225ME16L      | 0                             | 0      | 0      | 0      | 0      | 0                | ·LW size:0508 to 0306,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:6.3V to 4V<br>·Capacitance:0.47uF to 2.2uF                                     |
| LLA215R70J474MA14L   | LLA215R70J474MA14L | LLA185C70G225ME16L      | 0                             | 0      | 0      | 0      | 0      | 0                | ·LW size:0508 to 0306,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:6.3V to 4V<br>·Capacitance:0.47uF to 2.2uF                                     |
| LLA215R71C104MA14L   | LLA215R71C104MA14L | LLA185C70G225ME16L      | 0                             | 0      | 0      | 0      | 0      | 0                | ·LW size:0508 to 0306,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:16V to 4V<br>·Capacitance:0.1uF to 2.2uF                                       |
| LLA215R71C473MA14L   | LLA215R71C473MA14L | LLA185C70G225ME16L      | 0                             | 0      | 0      | 0      | 0      | 0                | ·LW size:0508 to 0306,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:16V to 4V<br>·Capacitance:0.047uF to 2.2uF                                     |
| LLA215R71E103MA14L   | LLA215R71E103MA14L | LLA185C70G225ME16L      | 0                             | 0      | 0      | 0      | 0      | 0                | ·LW size:0508 to 0306,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:25V to 4V<br>·Capacitance:0.01uF to 2.2uF                                      |
| LLA215R71E223MA14L   | LLA215R71E223MA14L | LLA185C70G225ME16L      | 0                             | 0      | 0      | 0      | 0      | 0                | ·LW size:0508 to 0306,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:25V to 4V<br>·Capacitance:0.022uF to 2.2uF                                     |
| LLA219C70G225MA01L   | LLA219C70G225MA01L | LLA185C70G225ME16L      | 0                             | 0      | 0      | 0      | 0      | 0                | ·LW size:0508 to 0306,<br>·T size :0.95mm max to 0.55mm max,   |
| LLA219C70G475ME01L   | LLA219C70G475ME01L | LLA185C70G225ME16L      | 0                             | 0      | 0      | 0      | 0      | 0                | ·LW size:0508 to 0306,<br>·T size :0.95mm max to 0.55mm max,<br>·Capacitance:4.7uF to 2.2uF  |

|                    |                    |                    |         |         |         |         |         |         |   |
|--------------------|--------------------|--------------------|---------|---------|---------|---------|---------|---------|---|
| LLA219R70J105MA01L | LLA219R70J105MA01L | LLA185C70G225ME16L | 0       | 0       | 0       | 0       | 0       | 0       | ·LW size:0508 to 0306,<br>·T size :0.95mm max to 0.55mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:6.3V to 4V<br>·Capacitance:1uF to 2.2uF   |
| LLA219R71A474MA01L | LLA219R71A474MA01L | LLA185C70G225ME16L | 0       | 0       | 0       | 0       | 0       | 0       | ·LW size:0508 to 0306,<br>·T size :0.95mm max to 0.55mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:10V to 4V<br>·Capacitance:0.47uF to 2.2uF   |
| LLA219R71C104MA01L | LLA219R71C104MA01L | LLA185C70G225ME16L | 0       | 0       | 0       | 0       | 0       | 0       | ·LW size:0508 to 0306,<br>·T size :0.95mm max to 0.55mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:16V to 4V<br>·Capacitance:0.1uF to 2.2uF  |
| LLA219R71C224MA01L | LLA219R71C224MA01L | LLA185C70G225ME16L | 0       | 0       | 0       | 0       | 0       | 0       | ·LW size:0508 to 0306,<br>·T size :0.95mm max to 0.55mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:16V to 4V<br>·Capacitance:0.22uF to 2.2uF   |
| LLA219R71E103MA01L | LLA219R71E103MA01L | LLA185C70G225ME16L | 0       | 0       | 0       | 0       | 0       | 0       | ·LW size:0508 to 0306,<br>·T size :0.95mm max to 0.55mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:25V to 4V<br>·Capacitance:0.01uF to 2.2uF   |
| LLL153C70G104ME01E | LLL153C70G104ME01E | LLL153C70E105ME21# | 0       | 70,000  | 0       | 0       | 0       | 0       | ·Rated Voltage:4V to 2.5V,<br>·Capacitance:0.1uF to 1uF   |
| LLL153C80J104ME01E | LLL153C80J104ME01E | LLL153C80G105ME21# | 400,000 | 300,000 | 600,000 | 130,000 | 120,000 | 190,000 | ·Rated Voltage:6.3V to 4V,<br>·Capacitance:0.1uF to 1uF   |
| LLL153C80J224ME14E | LLL153C80J224ME14E | LLL153C80G105ME21# | 60,000  | 0       | 0       | 20,000  | 60,000  | 400,000 | ·Rated Voltage:6.3V to 4V,<br>·Capacitance:0.22uF to 1uF  |
| LLL153R61A104ME01E | LLL153R61A104ME01E | LLL153C80G105ME21# | 0       | 0       | 0       | 0       | 0       | 0       | ·Temperature characteristics:X5R to X6S<br>·Rated Voltage:10V to 4V,<br>·Capacitance:0.1uF to 1uF   |
| LLL185C70G105ME01L | LLL185C70G105ME01L | LLL153C70E105ME21D | 36,000  | 28,000  | 4,000   | 16,000  | 60,000  | 16,000  | ·LW size:0306 to 0204,<br>·T size :0.6mm max to 0.35mm max,<br>·Rated Voltage:4V to 2.5V,   |
| LLL185C70G225ME01L | LLL185C70G225ME01L | LLL153C70E105ME21D | 48,000  | 376,000 | 80,000  | 16,000  | 200,000 | 0       | ·LW size:0306 to 0204,<br>·T size :0.6mm max to 0.35mm max,<br>·Rated Voltage:4V to 2.5V,<br>·Capacitance:2.2uF to 1uF  |
| LLL185C70G474MA01L | LLL185C70G474MA01L | LLL153C70E105ME21D | 0       | 0       | 0       | 0       | 0       | 0       | ·LW size:0306 to 0204,<br>·T size :0.6mm max to 0.35mm max,<br>·Rated Voltage:4V to 2.5V,<br>·Capacitance:0.47uF to 1uF   |
| LLL185C70G475ME17L | LLL185C70G475ME17L | LLL153C70E105ME21D | 0       | 0       | 0       | 0       | 0       | 0       | ·LW size:0306 to 0204,<br>·T size :0.6mm max to 0.35mm max,<br>·Rated Voltage:4V to 2.5V,<br>·Capacitance:4.7uF to 1uF  |
| LLL185R70J224MA01L | LLL185R70J224MA01L | LLL153C70E105ME21D | 0       | 0       | 0       | 0       | 0       | 0       | ·LW size:0306 to 0204,<br>·T size :0.6mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:6.3V to 2.5V,<br>Capacitance:0.22uF to 1uF,  |
| LLL185R71A104KA01L | LLL185R71A104KA01L | LLL153C70E105ME21D | 24,000  | 44,000  | 88,000  | 0       | 0       | 0       | ·LW size:0306 to 0204,<br>·T size :0.6mm max to 0.35mmmax,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:10V to 2.5V,<br>·Capacitance:0.1uF to 1uF,<br>·Tolerance of capacitance:±10% to 20% |
| LLL185R71A104MA01L | LLL185R71A104MA01L | LLL153C70E105ME21D | 260,000 | 160,000 | 720,000 | 320,000 | 320,000 | 576,000 | ·LW size:0306 to 0204,<br>·T size :0.6mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:10V to 2.5V,<br>·Capacitance:0.1uF to 1uF,   |
| LLL185R71A104MA11L | LLL185R71A104MA11L | LLL153C70E105ME21D | 196,000 | 52,000  | 196,000 | 0       | 0       | 20,000  | ·LW size:0306 to 0204,<br>·T size :0.6mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:10V to 2.5V,<br>·Capacitance:0.1uF to 1uF,   |

|                    |                    |                    |         |        |         |         |         |         |   |
|--------------------|--------------------|--------------------|---------|--------|---------|---------|---------|---------|---|
| LLL185R71A224MA01L | LLL185R71A224MA01L | LLL153C70E105ME21D | 16,000  | 0      | 8,000   | 8,000   | 0       | 0       | <ul style="list-style-type: none"> <li>· LW size:0306 to 0204,</li> <li>· T size :0.6mm max to 0.35mm max,</li> <li>· Temperature characteristics:X7R to X7S</li> <li>· Rated Voltage:10V to 2.5V,</li> <li>· Capacitance:0.22uF to 1uF,</li> </ul>   |
| LLL185R71C103KA01L | LLL185R71C103KA01L | LLL153C70E105ME21D | 0       | 0      | 0       | 0       | 0       | 0       | <ul style="list-style-type: none"> <li>· LW size:0306 to 0204,</li> <li>· T size :0.6mm max to 0.35mm max,</li> <li>· Temperature characteristics:X7R to X7S</li> <li>· Rated Voltage:16V to 2.5V,</li> <li>· Capacitance:0.01uF to 1uF</li> <li>· Tolerance of capacitance:±10% to 20%,</li> </ul> |
| LLL185R71C103MA11L | LLL185R71C103MA11L | LLL153C70E105ME21D | 8,000   | 0      | 0       | 0       | 8,000   | 16,000  | <ul style="list-style-type: none"> <li>· LW size:0306 to 0204,</li> <li>· T size :0.6mm max to 0.35mm max,</li> <li>· Temperature characteristics:X7R to X7S</li> <li>· Rated Voltage:16V to 2.5V,</li> <li>· Capacitance:0.01uF to 1uF</li> </ul>  |
| LLL185R71C223MA11L | LLL185R71C223MA11L | LLL153C70E105ME21D | 0       | 0      | 0       | 0       | 0       | 0       | <ul style="list-style-type: none"> <li>· LW size:0306 to 0204,</li> <li>· T size :0.6mm max to 0.35mm max,</li> <li>· Temperature characteristics:X7R to X7S</li> <li>· Rated Voltage:16V to 2.5V,</li> <li>· Capacitance:0.022uF to 1uF</li> </ul>   |
| LLL185R71C473MA01L | LLL185R71C473MA01L | LLL153C70E105ME21D | 0       | 0      | 184,000 | 8,000   | 0       | 12,000  | <ul style="list-style-type: none"> <li>· LW size:0306 to 0204,</li> <li>· T size :0.6mm max to 0.35mm max,</li> <li>· Temperature characteristics:X7R to X7S</li> <li>· Rated Voltage:16V to 2.5V,</li> <li>· Capacitance:0.047uF to 1uF</li> </ul>   |
| LLL185R71E103MA01L | LLL185R71E103MA01L | LLL153C70E105ME21D | 72,000  | 56,000 | 140,000 | 180,000 | 124,000 | 140,000 | <ul style="list-style-type: none"> <li>· LW size:0306 to 0204,</li> <li>· T size :0.6mm max to 0.35mm max,</li> <li>· Temperature characteristics:X7R to X7S</li> <li>· Rated Voltage:25V to 2.5V,</li> <li>· Capacitance:0.01uF to 1uF</li> </ul>  |
| LLL185R71E103MA11L | LLL185R71E103MA11L | LLL153C70E105ME21D | 0       | 0      | 0       | 0       | 0       | 0       | <ul style="list-style-type: none"> <li>· LW size:0306 to 0204,</li> <li>· T size :0.6mm max to 0.35mm max,</li> <li>· Temperature characteristics:X7R to X7S</li> <li>· Rated Voltage:25V to 2.5V,</li> <li>· Capacitance:0.01uF to 1uF</li> </ul>  |
| LLL185R71E223MA01L | LLL185R71E223MA01L | LLL153C70E105ME21D | 140,000 | 8,000  | 16,000  | 8,000   | 4,000   | 8,000   | <ul style="list-style-type: none"> <li>· LW size:0306 to 0204,</li> <li>· T size :0.6mm max to 0.35mm max,</li> <li>· Temperature characteristics:X7R to X7S</li> <li>· Rated Voltage:25V to 2.5V,</li> <li>· Capacitance:0.022uF to 1uF</li> </ul>   |
| LLL185R71H222MA01L | LLL185R71H222MA01L | LLL153C70E105ME21D | 0       | 0      | 0       | 0       | 0       | 0       | <ul style="list-style-type: none"> <li>· LW size:0306 to 0204,</li> <li>· T size :0.6mm max to 0.35mm max,</li> <li>· Temperature characteristics:X7R to X7S</li> <li>· Rated Voltage:50V to 2.5V,</li> <li>· Capacitance:2.2nF to 1uF</li> </ul>   |
| LLL185R71H472MA01L | LLL185R71H472MA01L | LLL153C70E105ME21D | 0       | 4,000  | 24,000  | 8,000   | 12,000  | 24,000  | <ul style="list-style-type: none"> <li>· LW size:0306 to 0204,</li> <li>· T size :0.6mm max to 0.35mm max,</li> <li>· Temperature characteristics:X7R to X7S</li> <li>· Rated Voltage:50V to 2.5V,</li> <li>· Capacitance:4.7nF to 1uF</li> </ul>   |
| LLL215C70G105MA11L | LLL215C70G105MA11L | LLL153C70E105ME21D | 0       | 0      | 0       | 0       | 0       | 0       | <ul style="list-style-type: none"> <li>· LW size:0508 to 0204,</li> <li>· T size :0.5mm max to 0.35mm max,</li> <li>· Rated Voltage:4V to 2.5V,</li> </ul>  |
| LLL215R70J474MA11L | LLL215R70J474MA11L | LLL153C70E105ME21D | 0       | 0      | 0       | 0       | 0       | 0       | <ul style="list-style-type: none"> <li>· LW size:0508 to 0204,</li> <li>· T size :0.5mm max to 0.35mm max,</li> <li>· Temperature characteristics:X7R to X7S</li> <li>· Rated Voltage:6.3V to 2.5V,</li> <li>· Capacitance:0.47uF to 1uF</li> </ul>   |
| LLL215R71A224MA11L | LLL215R71A224MA11L | LLL153C70E105ME21D | 0       | 0      | 0       | 0       | 0       | 0       | <ul style="list-style-type: none"> <li>· LW size:0508 to 0204,</li> <li>· T size :0.5mm max to 0.35mm max,</li> <li>· Temperature characteristics:X7R to X7S</li> <li>· Rated Voltage:10V to 2.5V,</li> <li>· Capacitance:0.22uF to 1uF</li> </ul>  |
| LLL215R71C104MA11L | LLL215R71C104MA11L | LLL153C70E105ME21D | 0       | 0      | 0       | 0       | 0       | 0       | <ul style="list-style-type: none"> <li>· LW size:0508 to 0204,</li> <li>· T size :0.5mm max to 0.35mm max,</li> <li>· Temperature characteristics:X7R to X7S</li> <li>· Rated Voltage:16V to 2.5V,</li> <li>· Capacitance:0.1uF to 1uF</li> </ul>   |

|                    |                    |                    |         |         |         |         |         |         |         |   |
|--------------------|--------------------|--------------------|---------|---------|---------|---------|---------|---------|---------|---|
| LLL215R71C473MA11L | LLL215R71C473MA11L | LLL153C70E105ME21D | 0       | 0       | 0       | 0       | 0       | 0       | 0       | <ul style="list-style-type: none"> <li>· LW size:0508 to 0204,</li> <li>· T size :0.5mm max to 0.35mm max,</li> <li>· Temperature characteristics:X7R to X7S</li> <li>· Rated Voltage:16V to 2.5V,</li> <li>· Capacitance:0.047uF to 1uF</li> </ul>   |
| LLL215R71H103MA11L | LLL215R71H103MA11L | LLL153C70E105ME21D | 0       | 0       | 0       | 0       | 0       | 0       | 0       | <ul style="list-style-type: none"> <li>· LW size:0508 to 0204,</li> <li>· T size :0.5mm max to 0.35mm max,</li> <li>· Temperature characteristics:X7R to X7S</li> <li>· Rated Voltage:50V to 2.5V,</li> <li>· Capacitance:0.01uF to 1uF</li> </ul>  |
| LLL216R71A224MA01L | LLL216R71A224MA01L | LLL153C70E105ME21D | 4,000   | 4,000   | 0       | 0       | 0       | 0       | 0       | <ul style="list-style-type: none"> <li>· LW size:0508 to 0204,</li> <li>· T size :0.7mm max to 0.35mm max,</li> <li>· Temperature characteristics:X7R to X7S</li> <li>· Rated Voltage:16V to 2.5V,</li> <li>· Capacitance:0.22uF to 1uF</li> </ul>  |
| LLL216R71C104KA01L | LLL216R71C104KA01L | LLL153C70E105ME21D | 0       | 0       | 0       | 0       | 0       | 0       | 0       | <ul style="list-style-type: none"> <li>· LW size:0508 to 0204,</li> <li>· T size :0.7mm max to 0.35mm max,</li> <li>· Temperature characteristics:X7R to X7S</li> <li>· Rated Voltage:16V to 2.5V,</li> <li>· Capacitance:0.1uF to 1uF</li> <li>· Tolerance of capacitance:±10% to 20%</li> </ul> |
| LLL216R71E104KA01L | LLL216R71E104KA01L | LLL153C70E105ME21D | 40,000  | 20,000  | 0       | 0       | 0       | 0       | 0       | <ul style="list-style-type: none"> <li>· LW size:0508 to 0204,</li> <li>· T size :0.7mm max to 0.35mm max,</li> <li>· Temperature characteristics:X7R to X7S</li> <li>· Rated Voltage:25V to 2.5V,</li> <li>· Capacitance:0.1uF to 1uF</li> <li>· Tolerance of capacitance:±10% to 20%</li> </ul> |
| LLL216R71E104MA01L | LLL216R71E104MA01L | LLL153C70E105ME21D | 600,000 | 704,000 | 376,000 | 0       | 0       | 0       | 0       | <ul style="list-style-type: none"> <li>· LW size:0508 to 0204,</li> <li>· T size :0.7mm max to 0.35mm max,</li> <li>· Temperature characteristics:X7R to X7S</li> <li>· Rated Voltage:25V to 2.5V,</li> <li>· Capacitance:0.1uF to 1uF</li> </ul>   |
| LLL216R71H103MA01L | LLL216R71H103MA01L | LLL153C70E105ME21D | 96,000  | 0       | 56,000  | 32,000  | 40,000  | 60,000  | 60,000  | <ul style="list-style-type: none"> <li>· LW size:0508 to 0204,</li> <li>· T size :0.7mm max to 0.35mm max,</li> <li>· Temperature characteristics:X7R to X7S</li> <li>· Rated Voltage:50V to 2.5V,</li> <li>· Capacitance:0.01uF to 1uF</li> </ul>  |
| LLL216R71H153MA01L | LLL216R71H153MA01L | LLL153C70E105ME21D | 0       | 0       | 0       | 0       | 0       | 0       | 0       | <ul style="list-style-type: none"> <li>· LW size:0508 to 0204,</li> <li>· T size :0.7mm max to 0.35mm max,</li> <li>· Temperature characteristics:X7R to X7S</li> <li>· Rated Voltage:50V to 2.5V,</li> <li>· Capacitance:0.015uF to 1uF</li> </ul>   |
| LLL216R71H223MA01L | LLL216R71H223MA01L | LLL153C70E105ME21D | 0       | 0       | 0       | 0       | 0       | 0       | 0       | <ul style="list-style-type: none"> <li>· LW size:0508 to 0204,</li> <li>· T size :0.7mm max to 0.35mm max,</li> <li>· Temperature characteristics:X7R to X7S</li> <li>· Rated Voltage:50V to 2.5V,</li> <li>· Capacitance:0.022uF to 1uF</li> </ul>   |
| LLL216R71H822MA01L | LLL216R71H822MA01L | LLL153C70E105ME21D | 0       | 0       | 0       | 0       | 0       | 0       | 0       | <ul style="list-style-type: none"> <li>· LW size:0508 to 0204,</li> <li>· T size :0.7mm max to 0.35mm max,</li> <li>· Temperature characteristics:X7R to X7S</li> <li>· Rated Voltage:50V to 2.5V,</li> <li>· Capacitance:8.2nF to 1uF</li> </ul>   |
| LLL219C70G225MA01L | LLL219C70G225MA01L | LLL153C70E105ME21D | 6,000   | 0       | 3,000   | 0       | 0       | 0       | 0       | <ul style="list-style-type: none"> <li>· LW size:0508 to 0204,</li> <li>· T size :0.95mm max to 0.35mm max,</li> <li>· Rated Voltage:4V to 2.5V,</li> <li>· Capacitance:2.2uF to 1uF</li> </ul>   |
| LLL219R70J105MA01L | LLL219R70J105MA01L | LLL153C70E105ME21D | 0       | 0       | 0       | 0       | 0       | 0       | 0       | <ul style="list-style-type: none"> <li>· LW size:0508 to 0204,</li> <li>· T size :0.95mm max to 0.35mm max,</li> <li>· Temperature characteristics:X7R to X7S</li> <li>· Rated Voltage:6.3V to 2.5V,</li> </ul>   |
| LLL219R70J155MA01L | LLL219R70J155MA01L | LLL153C70E105ME21D | 0       | 0       | 0       | 0       | 0       | 0       | 0       | <ul style="list-style-type: none"> <li>· LW size:0508 to 0204,</li> <li>· T size :0.95mm max to 0.35mm max,</li> <li>· Temperature characteristics:X7R to X7S</li> <li>· Rated Voltage:6.3V to 2.5V</li> <li>· Capacitance:0.15uF to 1uF</li> </ul>   |
| LLL219R71A105MA01L | LLL219R71A105MA01L | LLL153C70E105ME21D | 153,000 | 123,000 | 549,000 | 153,000 | 357,000 | 408,000 | 408,000 | <ul style="list-style-type: none"> <li>· LW size:0508 to 0204,</li> <li>· T size :0.95mm max to 0.35mm max,</li> <li>· Temperature characteristics:X7R to X7S</li> <li>· Rated Voltage:10V to 2.5V</li> </ul>   |

|                    |                    |                    |        |        |         |         |         |         |  |
|--------------------|--------------------|--------------------|--------|--------|---------|---------|---------|---------|--|
| LLL219R71A474MA01L | LLL219R71A474MA01L | LLL153C70E105ME21D | 0      | 6,000  | 0       | 0       | 0       | 3,000   | ·LW size:0508 to 0204,<br>·T size :0.95mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:10V to 2.5V<br>·Capacitance:0.47uF to 1uF  |
| LLL219R71H273MA01L | LLL219R71H273MA01L | LLL153C70E105ME21D | 0      | 0      | 0       | 0       | 0       | 0       | ·LW size:0508 to 0204,<br>·T size :0.95mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:50V to 2.5V<br>·Capacitance:0.027uF to 1uF |
| LLL315R71E104MA11L | LLL315R71E104MA11L | LLL153C70E105ME21D | 0      | 0      | 0       | 0       | 0       | 0       | ·LW size:0612 to 0204,<br>·T size :0.5mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:25V to 2.5V<br>·Capacitance:0.1uF to 1uF    |
| LLL315R71H103MA11L | LLL315R71H103MA11L | LLL153C70E105ME21D | 0      | 0      | 0       | 0       | 0       | 0       | ·LW size:0612 to 0204,<br>·T size :0.5mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:50V to 2.5V<br>·Capacitance:0.01uF to 1uF   |
| LLL317R70J225MA01L | LLL317R70J225MA01L | LLL153C70E105ME21D | 0      | 0      | 0       | 0       | 4,000   | 0       | ·LW size:0612 to 0204,<br>·T size :0.8mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:6.3V to 2.5V<br>·Capacitance:2.2uF to 1uF   |
| LLL317R71A105MA01K | LLL317R71A105MA01K | LLL153C70E105ME21# | 0      | 0      | 0       | 0       | 0       | 0       | ·LW size:0612 to 0204,<br>·T size :0.8mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:10V to 2.5V                                 |
| LLL317R71A105MA01L | LLL317R71A105MA01L | LLL153C70E105ME21D | 0      | 0      | 0       | 0       | 0       | 0       | ·LW size:0612 to 0204,<br>·T size :0.8mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:10V to 2.5V                                 |
| LLL317R71A684MA01L | LLL317R71A684MA01L | LLL153C70E105ME21D | 0      | 0      | 0       | 0       | 0       | 0       | ·LW size:0612 to 0204,<br>·T size :0.8mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:10V to 2.5V<br>·Capacitance:0.68uF to 1uF   |
| LLL317R71C474MA01L | LLL317R71C474MA01L | LLL153C70E105ME21D | 0      | 0      | 0       | 0       | 0       | 0       | ·LW size:0612 to 0204,<br>·T size :0.8mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:16V to 2.5V<br>·Capacitance:0.47uF to 1uF   |
| LLL317R71E104MA01L | LLL317R71E104MA01L | LLL153C70E105ME21D | 0      | 0      | 0       | 0       | 0       | 0       | ·LW size:0612 to 0204,<br>·T size :0.8mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:25V to 2.5V<br>·Capacitance:0.1uF to 1uF    |
| LLL317R71H103MA01L | LLL317R71H103MA01L | LLL153C70E105ME21D | 0      | 0      | 0       | 4,000   | 0       | 24,000  | ·LW size:0612 to 0204,<br>·T size :0.8mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:50V to 2.5V<br>·Capacitance:0.01uF to 1uF   |
| LLL317R71H153MA01L | LLL317R71H153MA01L | LLL153C70E105ME21D | 0      | 0      | 0       | 0       | 0       | 0       | ·LW size:0612 to 0204,<br>·T size :0.8mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:50V to 2.5V<br>·Capacitance:0.015uF to 1uF  |
| LLL31BC70G106MA01L | LLL31BC70G106MA01L | LLL153C70E105ME21D | 0      | 0      | 0       | 0       | 0       | 0       | ·LW size:0612 to 0204,<br>·T size :1.4mm max to 0.35mm max,<br>·Rated Voltage:4V to 2.5V<br>·Capacitance:10uF to 1uF   |
| LLL31MR60J106ME01L | LLL31MR60J106ME01L | LLL153C80G105ME21D | 0      | 0      | 0       | 0       | 27,000  | 0       | ·LW size:0612 to 0204,<br>·T size :1.25mm max to 0.35mm max,<br>·Temperature characteristics:X5R to X6S<br>·Rated Voltage:6.3V to 4V<br>·Capacitance:10uF to 1uF     |
| LLL31MR70J475MA01L | LLL31MR70J475MA01L | LLL153C70E105ME21D | 66,000 | 87,000 | 183,000 | 243,000 | 102,000 | 357,000 | ·LW size:0612 to 0204,<br>·T size :1.25mm max to 0.35mm max,<br>·Temperature characteristics:X7R to X7S<br>·Rated Voltage:6.3V to 2.5V<br>·Capacitance:4.7uF to 1uF  |

|                       |                    |                    |        |       |        |       |         |         |   |
|-----------------------|--------------------|--------------------|--------|-------|--------|-------|---------|---------|---|
| LLL31MR71A225KA01L    | LLL31MR71A225KA01L | LLL153C70E105ME21D | 0      | 0     | 0      | 0     | 0       | 0       | <ul style="list-style-type: none"> <li>· LW size:0612 to 0204,</li> <li>· T size :1.25mm max to 0.35mm max,</li> <li>· Temperature characteristics:X7R to X7S</li> <li>· Rated Voltage:10V to 2.5V</li> <li>· Capacitance:2.2uF to 1uF</li> <li>· Tolerance of capacitance:±10% to 20%</li> </ul>   |
| LLL31MR71A225MA01L    | LLL31MR71A225MA01L | LLL153C70E105ME21D | 0      | 0     | 0      | 0     | 0       | 0       | <ul style="list-style-type: none"> <li>· LW size:0612 to 0204,</li> <li>· T size :1.25mm max to 0.35mm max,</li> <li>· Temperature characteristics:X7R to X7S</li> <li>· Rated Voltage:10V to 2.5V</li> <li>· Capacitance:2.2uF to 1uF</li> </ul>   |
| LLL31MR71C105MA01L    | LLL31MR71C105MA01L | LLL153C70E105ME21D | 0      | 0     | 0      | 0     | 0       | 0       | <ul style="list-style-type: none"> <li>· LW size:0612 to 0204,</li> <li>· T size :1.25mm max to 0.35mm max,</li> <li>· Temperature characteristics:X7R to X7S</li> <li>· Rated Voltage:16V to 2.5V</li> </ul>   |
| LLL31MR71E224KA01L    | LLL31MR71E224KA01L | LLL153C70E105ME21D | 0      | 0     | 0      | 0     | 0       | 0       | <ul style="list-style-type: none"> <li>· LW size:0612 to 0204,</li> <li>· T size :1.25mm max to 0.35mm max,</li> <li>· Temperature characteristics:X7R to X7S</li> <li>· Rated Voltage:25V to 2.5V</li> <li>· Capacitance:0.22uF to 1uF</li> <li>· Tolerance of capacitance:±10% to 20%</li> </ul>  |
| LLL31MR71E224MA01L    | LLL31MR71E224MA01L | LLL153C70E105ME21D | 0      | 0     | 0      | 0     | 0       | 0       | <ul style="list-style-type: none"> <li>· LW size:0612 to 0204,</li> <li>· T size :1.25mm max to 0.35mm max,</li> <li>· Temperature characteristics:X7R to X7S</li> <li>· Rated Voltage:25V to 2.5V</li> <li>· Capacitance:0.22uF to 1uF</li> </ul>  |
| LLL31MR71E474MA01L    | LLL31MR71E474MA01L | LLL153C70E105ME21D | 15,000 | 6,000 | 12,000 | 0     | 0       | 21,000  | <ul style="list-style-type: none"> <li>· LW size:0612 to 0204,</li> <li>· T size :1.25mm max to 0.35mm max,</li> <li>· Temperature characteristics:X7R to X7S</li> <li>· Rated Voltage:25V to 2.5V</li> <li>· Capacitance:0.47uF to 1uF</li> </ul>  |
| LLL31MR71H104MA01L    | LLL31MR71H104MA01L | LLL153C70E105ME21D | 6,000  | 0     | 0      | 6,000 | 27,000  | 0       | <ul style="list-style-type: none"> <li>· LW size:0612 to 0204,</li> <li>· T size :1.25mm max to 0.35mm max,</li> <li>· Temperature characteristics:X7R to X7S</li> <li>· Rated Voltage:50V to 2.5V</li> <li>· Capacitance:0.1uF to 1uF</li> </ul>   |
| LLL31MR71H823KA01L    | LLL31MR71H823KA01L | LLL153C70E105ME21D | 0      | 0     | 0      | 0     | 0       | 0       | <ul style="list-style-type: none"> <li>· LW size:0612 to 0204,</li> <li>· T size :1.25mm max to 0.35mm max,</li> <li>· Temperature characteristics:X7R to X7S</li> <li>· Rated Voltage:50V to 2.5V</li> <li>· Capacitance:0.082uF to 1uF</li> <li>· Tolerance of capacitance:±10% to 20%</li> </ul> |
| LLL31MR71H823MA01L    | LLL31MR71H823MA01L | LLL153C70E105ME21D | 0      | 0     | 0      | 0     | 0       | 0       | <ul style="list-style-type: none"> <li>· LW size:0612 to 0204,</li> <li>· T size :1.25mm max to 0.35mm max,</li> <li>· Temperature characteristics:X7R to X7S</li> <li>· Rated Voltage:50V to 2.5V</li> <li>· Capacitance:0.082uF to 1uF</li> </ul>   |
| LLM215C70G105MA11L    | LLM215C70G105MA11L | LLA185C70G225ME16L | 0      | 0     | 0      | 0     | 0       | 0       | <ul style="list-style-type: none"> <li>· 10 Terminals to 8 Terminals</li> <li>· LW size:0508 to 0306,</li> <li>· Capacitance:1uF to 2.2uF</li> </ul>  |
| LLM215C70G225ME11L    | LLM215C70G225ME11L | LLA185C70G225ME16L | 0      | 0     | 0      | 0     | 0       | 0       | <ul style="list-style-type: none"> <li>· 10 Terminals to 8 Terminals</li> <li>· LW size:0508 to 0306,</li> </ul>  |
| LLM215R70J224MA11L    | LLM215R70J224MA11L | LLA185C70G225ME16L | 0      | 0     | 0      | 0     | 0       | 0       | <ul style="list-style-type: none"> <li>· 10 Terminals to 8 Terminals</li> <li>· LW size:0508 to 0306,</li> <li>· Temperature characteristics:X7R to X7S</li> <li>· Rated Voltage:6.3V to 4V</li> <li>· Capacitance:0.22uF to 2.2uF</li> </ul>   |
| LLM215R70J474MA11L    | LLM215R70J474MA11L | LLA185C70G225ME16L | 0      | 0     | 0      | 0     | 0       | 0       | <ul style="list-style-type: none"> <li>· 10 Terminals to 8 Terminals</li> <li>· LW size:0508 to 0306,</li> <li>· Temperature characteristics:X7R to X7S</li> <li>· Rated Voltage:6.3V to 4V</li> <li>· Capacitance:0.47uF to 2.2uF</li> </ul>   |
| LLR185C70G105ME01L    | LLR185C70G105ME01L | LLL153C70E105ME21D | 0      | 0     | 0      | 0     | 0       | 0       | <ul style="list-style-type: none"> <li>· LW size:0306 to 0204,</li> <li>· T size :0.55mm max to 0.35mm max</li> <li>· Rated Voltage:4V to 2.5V</li> <li>· ESR No Control</li> </ul>   |
| MUNLLA219R71C104MA01L | LLA219R71C104MA01L | LLA185C70G225ME16L | 0      | 0     | 0      | 0     | 315,000 | 270,000 | <ul style="list-style-type: none"> <li>· LW size:0508 to 0306,</li> <li>· T size :0.95mm max to 0.55mm max,</li> <li>· Temperature characteristics:X7R to X7S</li> <li>· Rated Voltage:16V to 4V</li> <li>· Capacitance:0.1uF to 2.2uF</li> </ul>   |

|                       |                    |                    |        |        |         |        |         |         |   |
|-----------------------|--------------------|--------------------|--------|--------|---------|--------|---------|---------|---|
| MUNLLL185C70G225ME01L | LLL185C70G225ME01L | LLL153C70E105ME21D | 0      | 0      | 0       | 0      | 476,000 | 740,000 | ·LW size:0306 to 0204,<br>·T size :0.6mm max to 0.35mm max,<br>·Rated Voltage:4V to 2.5V,<br>·Capacitance:2.2uF to 1uF  |
| MUNLLL31MR60J106ME01L | LLL31MR60J106ME01L | LLL153C80G105ME21D | 0      | 0      | 0       | 0      | 57,000  | 120,000 | ·LW size:0612 to 0204,<br>·T size :1.25mm max to 0.35mm max,<br>·Temperature characteristics:X5R to X6S<br>·Rated Voltage:6.3V to 4V<br>·Capacitance:10uF to 1uF      |
| MUNNFM18PC225B1A3D    | NFM18PC225B1A3D    | NFM18PC106D0J3L    | 0      | 0      | 0       | 0      | 0       | 0       | ·LW size:1.6±0.1,0.8±0.1[mm] to 1.6±0.2,0.8±0.2[mm], ·T size :0.9max to 1.35max, ·Capacitance:2.2uF to 10uF,<br>·Rated Voltage:10V to 6.3V                            |
| MUNNFM21PS106B0J3D    | NFM21PS106B0J3D    | NFM18PC106D0J3L    | 0      | 0      | 0       | 0      | 448,000 | 940,000 | ·LW size:2.0±0.2,1.25±0.1[mm] to 1.6±0.2,0.8±0.2[mm], ·T size :0.95max to 1.35max,  |
| NFM18PC225B0J3D       | NFM18PC225B0J3D    | NFM18PC106D0J3L    | 0      | 0      | 0       | 0      | 8,000   | 4,000   | ·LW size:1.6±0.1,0.8±0.1[mm] to 1.6±0.2,0.8±0.2[mm], ·T size :0.7max to 1.35max, ·Capacitance:2.2uF to 10uF,<br>·Rated Current:2A to 4A                               |
| NFM18PC225B1A3D       | NFM18PC225B1A3D    | NFM18PC106D0J3L    | 32,000 | 20,000 | 112,000 | 64,000 | 200,000 | 300,000 | ·LW size:1.6±0.1,0.8±0.1[mm] to 1.6±0.2,0.8±0.2[mm], ·T size :0.9max to 1.35max, ·Capacitance:2.2uF to 10uF,<br>·Rated Voltage:10V to 6.3V                            |
| NFM21PC475B1A3D       | NFM21PC475B1A3D    | NFM18PC106D0J3L    | 52,000 | 40,000 | 44,000  | 0      | 100,000 | 100,000 | ·LW size:2.0±0.2,1.25±0.1[mm] to 1.6±0.2,0.8±0.2[mm], ·T size :0.95max to 1.35max, ·Capacitance:4.7uF to 10uF,<br>·Rated Voltage:10V to 6.3V, ·Rated Current:6A to 4A |
| NFM21PS106B0J3D       | NFM21PS106B0J3D    | NFM18PC106D0J3L    | 12,000 | 28,000 | 76,000  | 16,000 | 64,000  | 40,000  | ·LW size:2.0±0.2,1.25±0.1[mm] to 1.6±0.2,0.8±0.2[mm], ·T size :0.95max to 1.35max,  |