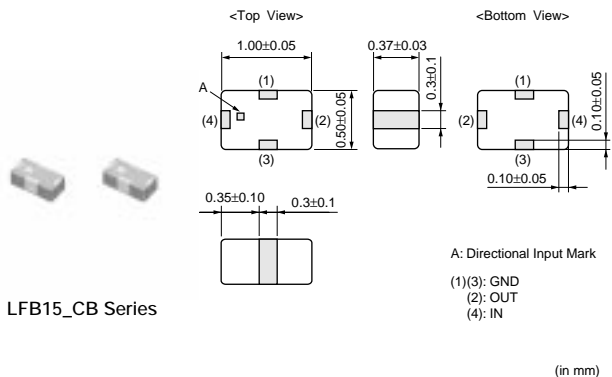


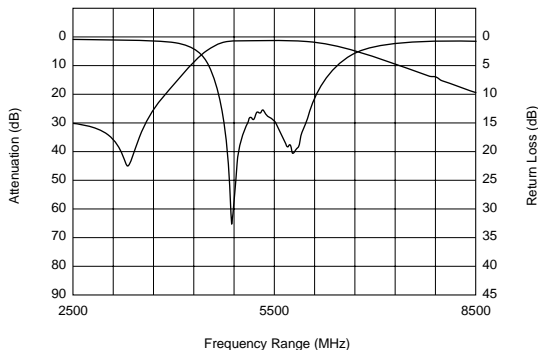
**for RF/Local**

Chip Multilayer LC Filters (BPF)

● LFB15(0402)\_CB Series

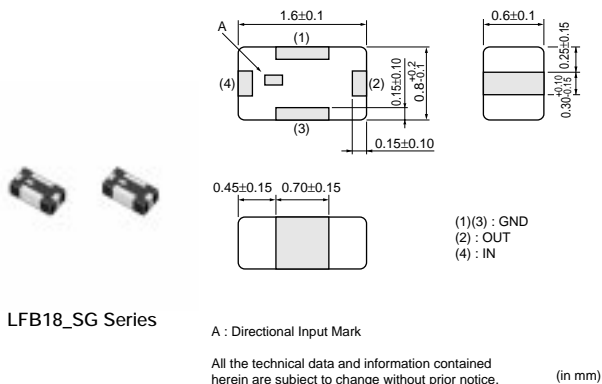


Frequency Characteristics

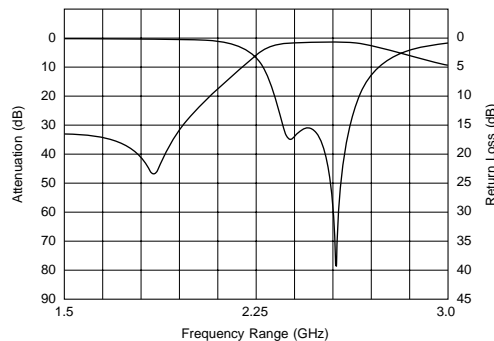


| Part Number      | Nominal Center Frequency (fo) (MHz) | Bandwidth (BW) (MHz) | Insertion Loss in BW (dB) | Attenuation (Absolute Value) I) (dB) | Attenuation (Absolute Value) II) (dB) | Application |
|------------------|-------------------------------------|----------------------|---------------------------|--------------------------------------|---------------------------------------|-------------|
| LFB155G37CB1C032 | 5375                                | fo±475               | 1.5 max. (at 25°C)        | 10 min. at 3800MHz                   | 5 min. at 7500MHz                     | WLAN/BT     |
| LFB155G50CB1B948 | 5500                                | fo±350               | 1.1 max. (at 25°C)        | 9.5 min. at 4000MHz                  | 4.5 min. at 7500MHz                   | WLAN/BT     |

● LFB18(0603)\_SG Series



Frequency Characteristics

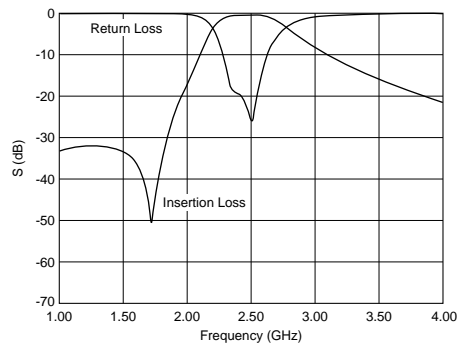


| Part Number      | Nominal Center Frequency (fo) (MHz) | Bandwidth (BW) (MHz) | Insertion Loss in BW (dB) | Attenuation (Absolute Value) I) (dB) | Attenuation (Absolute Value) II) (dB) | Application |
|------------------|-------------------------------------|----------------------|---------------------------|--------------------------------------|---------------------------------------|-------------|
| LFB182G45SG9A213 | 2450                                | fo±50                | 2.2 max. (at 25°C)        | 24 min. at 880~960MHz                | 20 min. at 1710~1990MHz               | WLAN/BT     |
| LFB182G45SG9A246 | 2450                                | fo±50                | 2.2 max. (at 25°C)        | 24.5 min. at 880~960MHz              | 12.5 min. at 1710~1990MHz             | WLAN/BT     |
| LFB182G45SG9A272 | 2450                                | fo±50                | 1.8 max. (at 25°C)        | 25 min. at 880~1000MHz               | 22.5 min. at 1200~1300MHz             | WLAN/BT     |
| LFB182G60SGHB972 | 2600                                | fo±100.0             | 1.9 max. (at 25°C)        | 29.5 min. at 806~849MHz              | 25 min. at 1850~1910MHz               | WIMAX       |
| LFB182G60SGHC149 | 2600                                | fo±100.0             | 2.2 max. (at 25°C)        | 29.5 min. at 806~849MHz              | 30 min. at 1850~1910MHz               | WIMAX       |
| LFB183G60SGJC019 | 3500                                | fo±200               | 1.8 max. (at 25°C)        | 25.5 min. at 806~849MHz              | 21.5 min. at 1850~1910MHz             | WIMAX       |
| LFB185G78SGAB713 | 5787.5                              | fo±62.5              | 2.2 max. (at 25°C)        | 16.5 min. at 4800MHz                 | 23.5 min. at 11450~11700MHz           | WLAN/BT     |

## ● LFB21(0805)\_CG Series



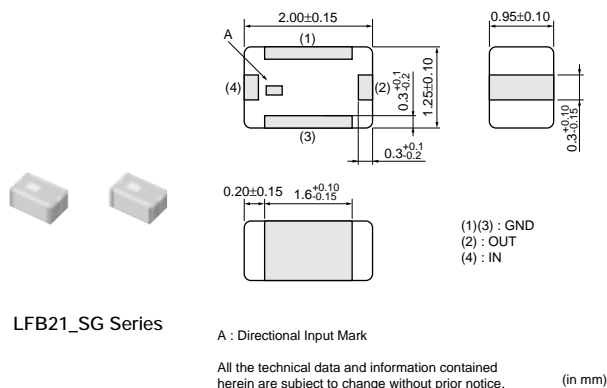
Frequency Characteristics



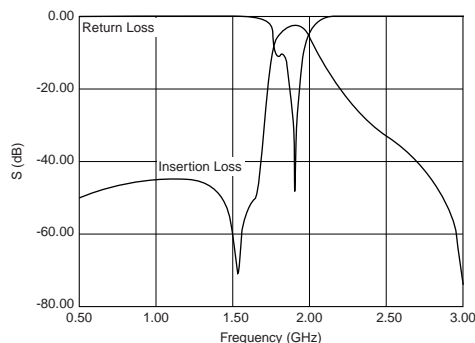
LFB21\_CG Series

| Part Number      | Nominal Center Frequency (fo) (MHz) | Bandwidth (BW) (MHz) | Insertion Loss in BW (dB) | Attenuation (Absolute Value) I) (dB) | Attenuation (Absolute Value) II) (dB) | Application |
|------------------|-------------------------------------|----------------------|---------------------------|--------------------------------------|---------------------------------------|-------------|
| LFB212G45CG1B187 | 2450.00                             | fo±50.00             | 0.90 max. (at 25°C)       | 28 min. at 824~960MHz                | 15 min. at 1710~1910MHz               | WLAN/BT     |
| LFB212G45CG1B982 | 2450.00                             | fo±50.00             | 1.00 max. (at 25°C)       | 28 min. at 824~849MHz                | 17 min. at 1920~1990MHz               | WLAN/BT     |
| LFB212G45CG2D013 | 2450.00                             | fo±50.00             | 2.50 max. (at 25°C)       | 30 min. at 824~915MHz                | 32 min. at 1920~1980MHz               | WLAN/BT     |

## ● LFB21(0805)\_SG Series



Frequency Characteristics



LFB21\_SG Series

A : Directional Input Mark  
 All the technical data and information contained herein are subject to change without prior notice.

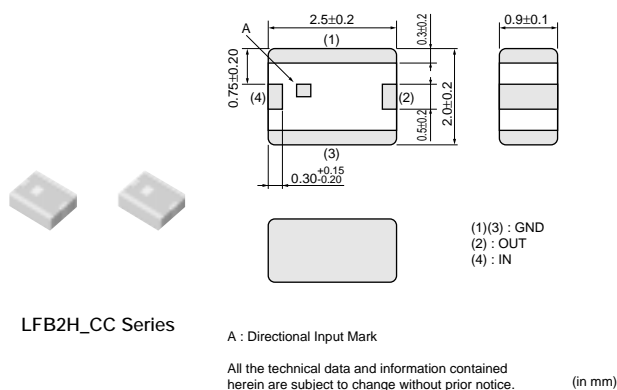
| Part Number      | Nominal Center Frequency (fo) (MHz) | Bandwidth (BW) (MHz) | Insertion Loss in BW (dB) | Attenuation (Absolute Value) I) (dB) | Attenuation (Absolute Value) II) (dB) | Application |
|------------------|-------------------------------------|----------------------|---------------------------|--------------------------------------|---------------------------------------|-------------|
| LFB211G90SG8B704 | 1906.5                              | fo±13.5              | 3.0 max. (at 25°C)        | 20 min. at 1660.5~1686.3MHz          | 11 min. at 2126.8~2152.6MHz           | PHS         |
| LFB212G45SG8A127 | 2450                                | fo±50                | 1.5 max. (at 25°C)        | 25 min. at 1200~1300MHz              | 10.0 min. at 2000MHz                  | WLAN/BT     |
| LFB212G45SG8A143 | 2450                                | fo±50                | 2.7 max. (at 25°C)        | 20 min. at 880~1710MHz               | 30 min. at 1710~1990MHz               | WLAN/BT     |
| LFB212G45SG8A166 | 2450                                | fo±50                | 1.4 max. (at 25°C)        | 30 min. at 824~960MHz                | 30 min. at 1710~1910MHz               | WLAN/BT     |
| LFB212G45SG8A192 | 2450                                | fo±50                | 2.6 max. (at 25°C)        | 40 min. at 880~960MHz                | 38 min. at 1710~1990MHz               | WLAN/BT     |
| LFB212G49SG8B830 | 2495                                | fo±195               | 2.4 max. (at 25°C)        | 30 min. at 824~960MHz                | 9 min. at 1710~1990MHz                | WIMAX       |
| LFB213G60SG8B831 | 3600                                | fo±300               | 1.5 max. (at 25°C)        | 32 min. at 824~960MHz                | 24 min. at 1710~1990MHz               | WIMAX       |
| LFB215G12SG8A178 | 5125                                | fo±225               | 1.5 max. (at 25°C)        | 25 min. at 4200MHz                   | 17 min. at 2x(fo±225)MHz              | WLAN/BT     |
| LFB215G12SG8A183 | 5125                                | fo±225               | 1.5 max. (at 25°C)        | 9.0 min. at 4250MHz                  | 9.5 min. at 5900MHz                   | WLAN/BT     |

Continued on the following page.

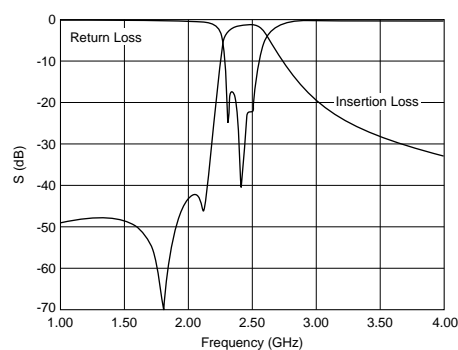
Continued from the preceding page.

| Part Number      | Nominal Center Frequency (fo) (MHz) | Bandwidth (BW) (MHz) | Insertion Loss in BW (dB) | Attenuation (Absolute Value) I) (dB) | Attenuation (Absolute Value) II) (dB) | Application |
|------------------|-------------------------------------|----------------------|---------------------------|--------------------------------------|---------------------------------------|-------------|
| LFB215G25SG8A144 | 5250                                | fo±100.0             | 1.5 max. (at 25°C)        | 30 min. at 3450MHz                   | -                                     | WLAN/BT     |
| LFB215G37SG8A180 | 5375                                | fo±475               | 1.8 max. (at 25°C)        | 30.0 min. at 500-4000MHz             | 35.0 min. at 3450MHz                  | WLAN/BT     |
| LFB215G37SG8A185 | 5375                                | fo±475               | 2.2 max. (at 25°C)        | 40 min. at 340-1195MHz               | 21 min. at 2140-3580MHz               | WLAN/BT     |
| LFB215G51SG8A132 | 5512                                | fo±363               | 1.9 max. (at 25°C)        | 30 min. at 500-4000MHz               | 20 min. at 4600MHz                    | WLAN/BT     |
| LFB215G78SG8A170 | 5787.5                              | fo±62.5              | 2.2 max. (at 25°C)        | 35 min. at 3275-3400MHz              | 37 min. at 2x(fo±62.5)MHz             | WLAN/BT     |

## ● LFB2H(1008)\_CC Series

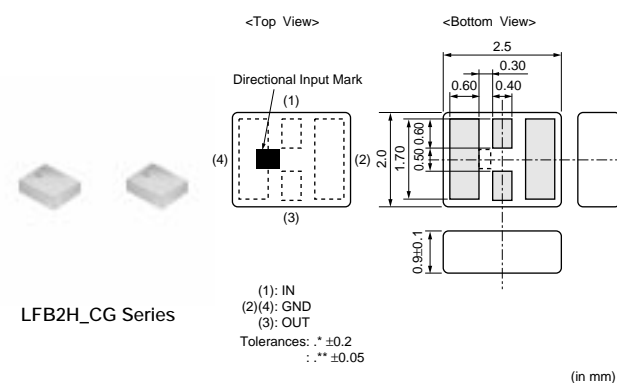


Frequency Characteristics

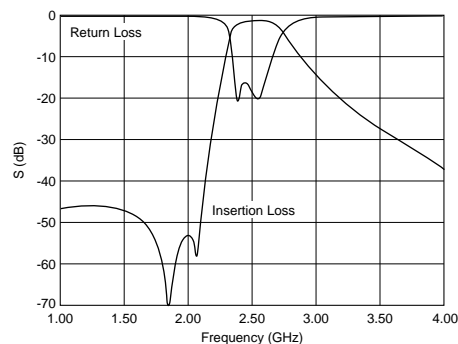


| Part Number      | Nominal Center Frequency (fo) (MHz) | Bandwidth (BW) (MHz) | Insertion Loss in BW (dB) | Attenuation (Absolute Value) I) (dB) | Attenuation (Absolute Value) II) (dB) | Application |
|------------------|-------------------------------------|----------------------|---------------------------|--------------------------------------|---------------------------------------|-------------|
| LFB2H2G45CC1D005 | 2450.00                             | fo±50.00             | 1.60 max. (at 25°C)       | 45 min. at 746-960MHz                | 40 min. at 1920-1990MHz               | WLAN/BT     |

## ● LFB2H(1008)\_CG Series



Frequency Characteristics

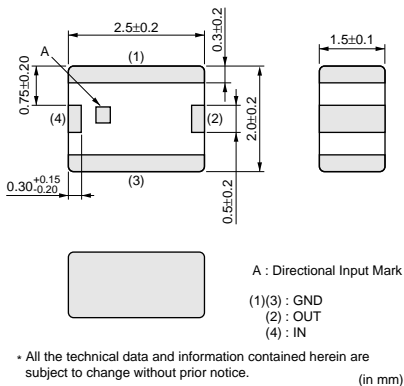


| Part Number      | Nominal Center Frequency (fo) (MHz) | Bandwidth (BW) (MHz) | Insertion Loss in BW (dB) | Attenuation (Absolute Value) I) (dB) | Attenuation (Absolute Value) II) (dB) | Application |
|------------------|-------------------------------------|----------------------|---------------------------|--------------------------------------|---------------------------------------|-------------|
| LFB2H2G45CG1C026 | 2450.00                             | fo±50.00             | 2.10 max. (at 25°C)       | 43 min. at 806-849MHz                | 43 min. at 1920-1990MHz               | WLAN/BT     |

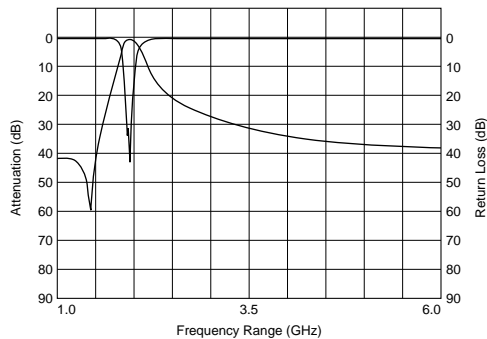
## ● LFB2H(1008)\_SG/LFB31(1206)\_SG Series



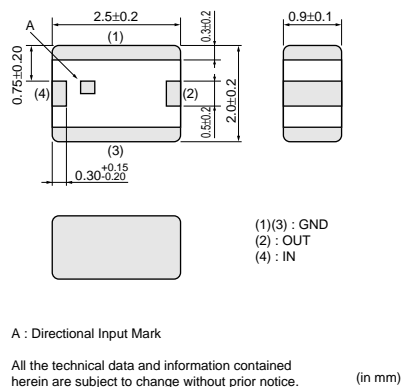
LFB2H\_SG6 Series



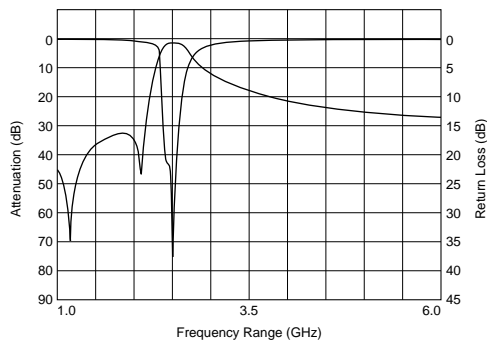
### Frequency Characteristics



LFB2H\_SG7 Series



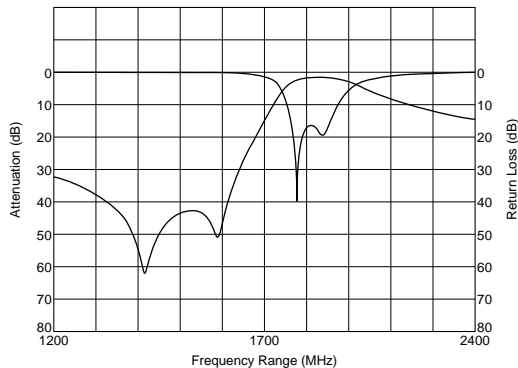
### The Characteristics of Spurious



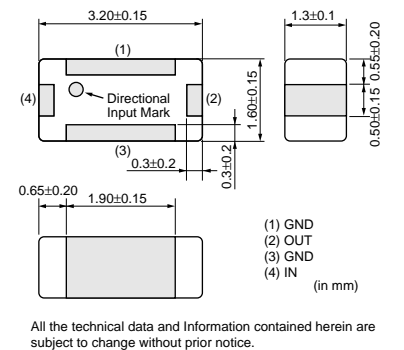
LFB31\_SG1 Series



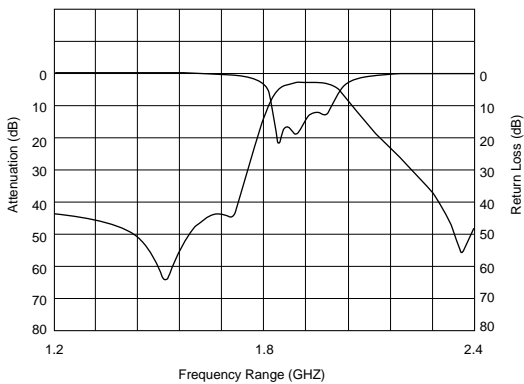
### Frequency Characteristics



LFB31\_SG2 Series



### Frequency Characteristics



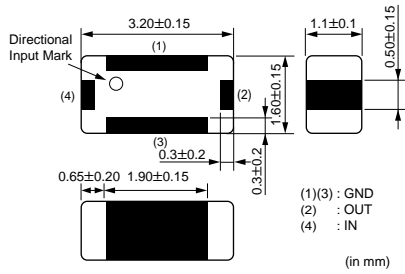
Continued on the following page.

△Note • This PDF catalog is downloaded from the website of Murata Manufacturing co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.  
 • This PDF catalog has only typical specifications because there is no space for detailed specifications. Therefore, please approve our product specifications or transact the approval sheet for product specifications before ordering.

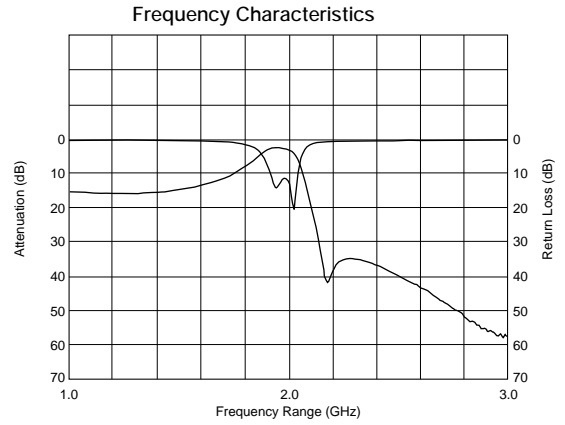
Continued from the preceding page.



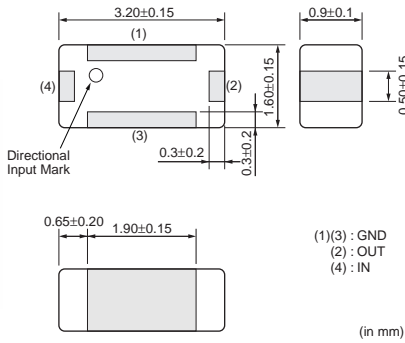
LFB31\_SG3 Series



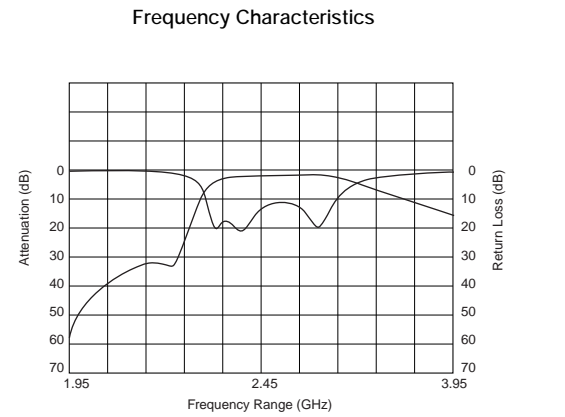
All the technical and Information contained herein are subject to change without prior notice.



LFB31\_SG7 Series



All the technical data and information contained herein are subject to change without prior notice.



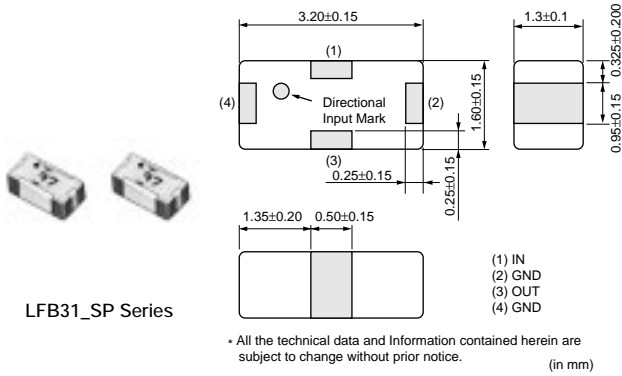
| Part Number      | Nominal Center Frequency (fo) (MHz) | Bandwidth (BW) (MHz) | Insertion Loss in BW (dB) | Attenuation (Absolute Value) I) (dB) | Attenuation (Absolute Value) II) (dB) | Application  |
|------------------|-------------------------------------|----------------------|---------------------------|--------------------------------------|---------------------------------------|--------------|
| LFB2H1G90SG6A157 | 1906.5                              | fo±13.5              | 1.5 max. (at 25°C)        | 14 min. at 1687MHz                   | 6 min. at 2126MHz                     | PHS          |
| LFB2H2G45SG7A134 | 2450                                | fo±50                | 1.7 max. (at 25°C)        | 25 min. at 1750MHz                   | 25 min. at 2100MHz                    | WLAN/BT      |
| LFB2H2G45SG7A158 | 2450                                | fo±50                | 1.2 max. (at 25°C)        | 30 min. at 880~915MHz                | 30 min. at 1710~1785MHz               | WLAN/BT      |
| LFB2H2G45SG7A159 | 2450                                | fo±50                | 2.1 max. (at 25°C)        | 45 min. at 880~915MHz                | 48 min. at 1710~1990MHz               | WLAN/BT      |
| LFB2H2G45SG7B793 | 2450                                | fo±50                | 3.5 max. (at 25°C)        | 42 min. at 869~915MHz                | 45 min. at 1710~1785MHz               | WLAN/BT      |
| LFB2H2G45SG7C093 | 2450                                | fo±50                | 2.1 max. (at 25°C)        | 45 min. at 824~915MHz                | 48 min. at 1710~1990MHz               | WLAN/BT      |
| LFB2H2G45SGDB865 | 2450                                | fo±50                | 3.4 max. (at 25°C)        | 45 min. at 880~915MHz                | 40 min. at 1710~1785MHz               | WLAN/BT      |
| LFB2H2G45SGFB914 | 2450                                | fo±50                | 2.3 max. (at 25°C)        | 44 min. at 824~960MHz                | 40 min. at 1710~1785MHz               | WLAN/BT      |
| LFB2H2G54SG7B881 | 2545                                | fo±145               | 2 max. (at 25°C)          | 39.5 min. at 1910MHz                 | 39.5 min. at 1990MHz                  | WIMAX        |
| LFB2H2G59SG7B858 | 2590                                | fo±100               | 2.1 max. (at 25°C)        | 40 min. at 824~915MHz                | 30 min. at 2110~2170MHz               | WIMAX        |
| LFB2H5G78SG7A175 | 5787.5                              | fo±62.5              | 2.5 max. (at 25°C)        | 51.5 min. at 902~928MHz              | 41 min. at 3919~4044MHz               | WLAN/BT      |
| LFB311G90SG1-799 | 1906.5                              | fo +24.5/-13.5MHz    | 2.5 max. (at 25°C)        | 40 min. at 1397.05~1422.85MHz        | 35 min. at 1645.5~1671.3MHz           | PHS          |
| LFB311G90SG2-797 | 1906.5                              | fo±13.5              | 2.7 max. (at 25°C)        | 40 min. at 1427~1454MHz              | 35 min. at 1660~1687MHz               | PHS          |
| LFB311G95SG3A564 | 1950                                | fo±30                | 3.5 max. (at 25°C)        | 20 min. at 2110~2170MHz              | 25 min. at 2490~2550MHz               | UMTS (Band1) |

Continued on the following page.

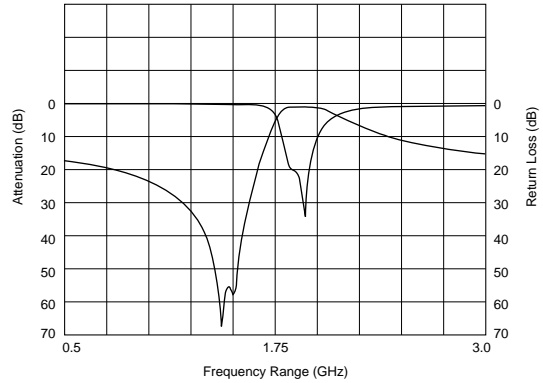
Continued from the preceding page.

| Part Number             | Nominal Center Frequency (fo) (MHz) | Bandwidth (BW) (MHz) | Insertion Loss in BW (dB) | Attenuation (Absolute Value) I (dB) | Attenuation (Absolute Value) II (dB) | Application |
|-------------------------|-------------------------------------|----------------------|---------------------------|-------------------------------------|--------------------------------------|-------------|
| <b>LFB312G45SG2A509</b> | 2450                                | fo±50                | 2 max. (at 25°C)          | 38 min. at 902-928MHz               | 15 min. at 2100-2200MHz              | WLAN/BT     |
| <b>LFB312G45SG7A572</b> | 2450                                | fo±50                | 2.5 max. (at 25°C)        | 37 min. at 902-928MHz               | 20 min. at 2100-2200MHz              | WLAN/BT     |

## ● LFB31\_SP Series (1206)



Frequency Characteristics

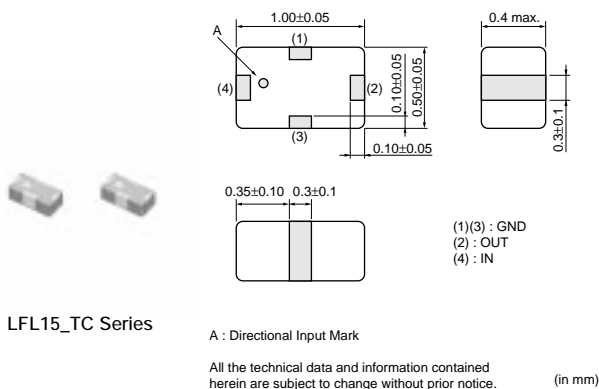


| Part Number             | Nominal Center Frequency (fo) (MHz) | Bandwidth (BW) (MHz) | Insertion Loss in BW (dB) | Attenuation (Absolute Value) I (dB) | Attenuation (Absolute Value) II (dB) | Application |
|-------------------------|-------------------------------------|----------------------|---------------------------|-------------------------------------|--------------------------------------|-------------|
| <b>LFB311G90SP1-798</b> | 1906.5                              | fo±13.5              | 1.0 max. (at 25°C)        | 40.0 min. at 1405-1440MHz           | 12.0 min. at 1649-1680MHz            | PHS         |
| <b>LFB312G45SP1A502</b> | 2450                                | fo±50                | 1.2 max. (at 25°C)        | 20 min. at 902-928MHz               | 35 min. at 1500-1550MHz              | WLAN/BT     |

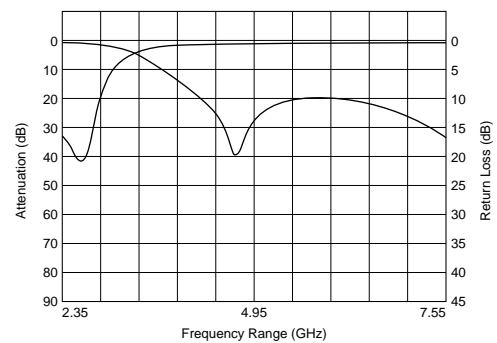
## for RF/Local

### Chip Multilayer LC Filters (LPF)

## ● LFL15\_TC (0402) /LFL18\_TC (0603) Series



Frequency Characteristics

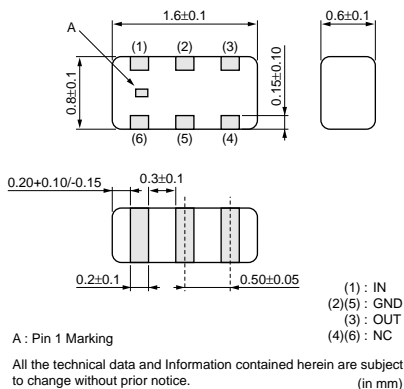


Continued on the following page.

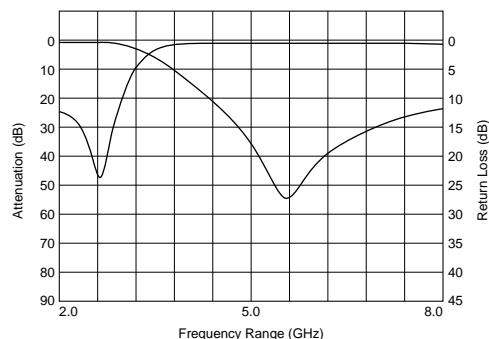
Continued from the preceding page.



LFL18\_TC1 Series

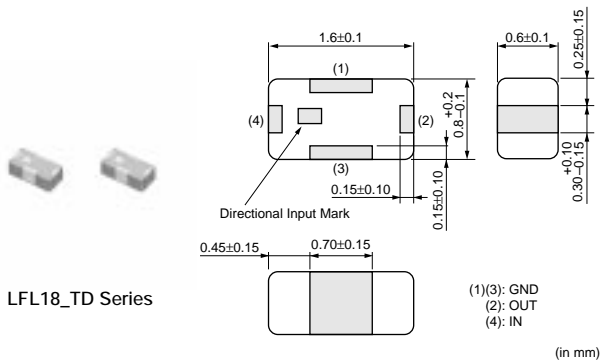


Frequency Characteristics



| Part Number      | Nominal Center Frequency (fo) (MHz) | Bandwidth (BW) (MHz) | Insertion Loss in BW (dB) | Attenuation (Absolute Value) I) (dB) | Attenuation (Absolute Value) II) (dB) | Application            |
|------------------|-------------------------------------|----------------------|---------------------------|--------------------------------------|---------------------------------------|------------------------|
| LFL15620MTC1C037 | 620                                 | fo±150               | 0.4 max. (at 25°C)        | 28 min. at 1920~1980MHz              | -                                     | CDMA                   |
| LFL15869MTC1B787 | 869.5                               | fo±45.5              | 0.50 max. (at 25°C)       | 18 min. at 2x(fo±45.5)MHz            | 17 min. at 3x(fo±45.5)MHz             | GSM850/900             |
| LFL151G81TC1B786 | 1810                                | fo±100               | 0.60 max. (at 25°C)       | 23 min. at 3420~3570MHz              | 21 min. at 3700~3820MHz               | GSM1800/1900           |
| LFL151G95TC1C157 | 2017.5                              | fo±20                | 0.50 max. (at 25°C)       | 24 min. at 2xf1 MHz                  | 16 min. at 3xf1 MHz                   | TD-SCDMA               |
| LFL152G45TC1A219 | 2450                                | fo±50                | 0.45 max. (at 25°C)       | 21 min. at 2x(fo±50.0)MHz            | 21 min. at 3x(fo±50.0)MHz             | WLAN/BT                |
| LFL18620MTC2C181 | 620.00                              | fo±150.00            | 0.60 max. (at 25°C)       | 26 min. at 1429~1501MHz              | 26 min. at 1565~1607MHz               | CDMA700                |
| LFL18628MTC2C221 | 628.50                              | fo±158.50            | 0.65 max. (at 25°C)       | 26 min. at 1429~1501MHz              | 30 min. at 1565~1607MHz               | UMTS (Band12/13/14/17) |
| LFL182G45TC1A108 | 2450                                | fo±50                | 0.37 max. (at 25°C)       | 27 min. at 4800~5000MHz              | 25 min. at 7200~7500MHz               | WLAN/BT                |
| LFL182G45TC1A202 | 2450                                | fo±50                | 0.40 max. (at 25°C)       | 27 min. at 4800~5000MHz              | 30 min. at 7200~7500MHz               | WLAN/BT                |
| LFL182G45TC3B746 | 2450                                | fo±50                | 0.60 max. (at 25°C)       | 35 min. at 2x(fo±50)MHz              | 30 min. at 3x(fo±50)MHz               | WLAN/BT                |
| LFL182G50TC1B905 | 2500                                | fo±200               | 0.4 max. (at 25°C)        | 21 min. at 4600~5400MHz              | 22 min. at 6900~8100MHz               | WIMAX                  |
| LFL182G54TC1B838 | 2545                                | fo±145               | 0.4 max. (at 25°C)        | 26 min. at 4800~5390MHz              | 23 min. at 7200~8085MHz               | WIMAX                  |
| LFL183G55TC2B908 | 3550                                | fo±250               | 0.45 max. (at 25°C)       | 17 min. at 6600~7600MHz              | 20 min. at 9900~11400MHz              | WIMAX                  |
| LFL183G55TC3C218 | 3550.00                             | fo±250.00            | 0.55 max. (at 25°C)       | 35 min. at 6600~7600MHz              | 34 min. at 9900~11400MHz              | WIMAX                  |

## ● LFL18\_TD (0603) Series

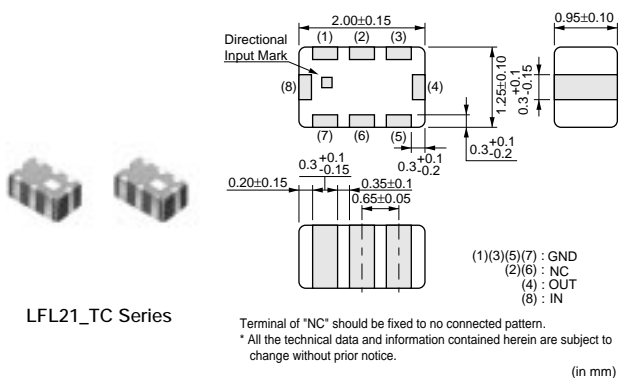


### Frequency Characteristics

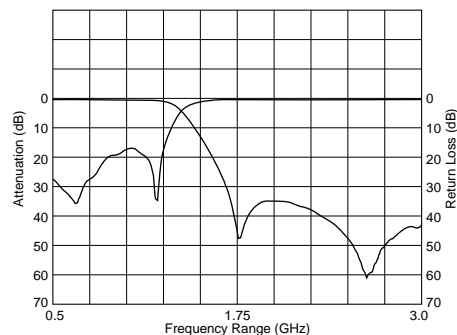


| Part Number      | Nominal Center Frequency (fo) (MHz) | Bandwidth (BW) (MHz) | Insertion Loss in BW (dB) | Attenuation (Absolute Value) I) (dB) | Attenuation (Absolute Value) II) (dB) | Application |
|------------------|-------------------------------------|----------------------|---------------------------|--------------------------------------|---------------------------------------|-------------|
| LFL182G45TD2C153 | 2450.00                             | $f_o \pm 50.00$      | 0.40 max. (at 25°C)       | 20 min. at 4800~5000MHz              | 19 min. at 7200~7500MHz               | WLAN/BT     |
| LFL185G42TD1A241 | 5425.00                             | $f_o \pm 525.00$     | 0.60 max. (at 25°C)       | 25 min. at $2f_o$ MHz                | 20 min. at $3f_o$ MHz                 | WLAN        |

## ● LFL21\_TC (0805) Series



### Frequency Characteristics



| Part Number      | Nominal Center Frequency (fo) (MHz) | Bandwidth (BW) (MHz) | Insertion Loss in BW (dB) | Attenuation (Absolute Value) I) (dB) | Attenuation (Absolute Value) II) (dB) | Application  |
|------------------|-------------------------------------|----------------------|---------------------------|--------------------------------------|---------------------------------------|--------------|
| LFL21902MTC1A018 | 902.5                               | $f_o \pm 12.5$       | 0.6 max. (at 25°C)        | 30 min. at $2x(f_o \pm 12.5)$ MHz    | 30 min. at $3x(f_o \pm 12.5)$ MHz     | GSM          |
| LFL211G90TC1A008 | 1907.5                              | $f_o \pm 12.5$       | 0.47 max. (at 25°C)       | 30 min. at $2x(f_o \pm 12.5)$ MHz    | 25 min. at $3x(f_o \pm 12.5)$ MHz     | PHS          |
| LFL211G92TC1A060 | 1920                                | $f_o \pm 70$         | 0.6 max. (at 25°C)        | 24 min. at 3335~3700MHz              | 30 min. at 3700~3820MHz               | UMTS (Band1) |
| LFL212G45TC1A007 | 2450                                | $f_o \pm 50$         | 0.50 max. (at 25°C)       | 27 min. at $2x(f_o \pm 50.0)$ MHz    | 30 min. at $3x(f_o \pm 50.0)$ MHz     | WLAN/BT      |
| LFL215G25TC1A156 | 5250                                | $f_o \pm 100.0$      | 0.70 max. (at 25°C)       | 24 min. at $2x(f_o \pm 100)$ MHz     | 19 min. at $3x(f_o \pm 100)$ MHz      | WLAN/BT      |
| LFL215G37TC1A210 | 5375                                | $f_o \pm 475$        | 0.70 max. (at 25°C)       | 30 min. at $2x(f_o \pm 475)$ MHz     | 20 min. at $3x(f_o \pm 475)$ MHz      | WLAN/BT      |
| LFL215G51TC1A149 | 5512                                | $f_o \pm 363$        | 0.70 max. (at 25°C)       | 30 min. at $2x(f_o \pm 363)$ MHz     | 20 min. at $3x(f_o \pm 363)$ MHz      | WLAN/BT      |
| LFL215G78TC1A155 | 5787.5                              | $f_o \pm 62.5$       | 0.70 max. (at 25°C)       | 30 min. at $2x(f_o \pm 62.5)$ MHz    | 20 min. at $3x(f_o \pm 62.5)$ MHz     | WLAN/BT      |

△Note • This PDF catalog is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.  
• This PDF catalog has only typical specifications because there is no space for detailed specifications. Therefore, please approve our product specifications or transact the approval sheet for product specifications before ordering.



## for RF/Local

### Chip Multilayer LC Filters (Balanced Filters)



LFB21\_BA Series



A : Directional Input Mark

- (1) : NC
- (2) : NC (DC feed Port)
- (3) : Unbalance Port
- (4)(6)(8) : GND
- (5)(7) : Balance Port

• All the technical data and information contained herein are subject to change without prior notice. (in mm)

| Part Number      | Nominal Center Frequency (fo) (MHz) | Bandwidth (BW) (MHz) | Insertion Loss in BW (dB) | Balance Impedance (Differential) (Nom.) (ohm)  | Unbalance Impedance (Nom.) (ohm) | Application |
|------------------|-------------------------------------|----------------------|---------------------------|--|----------------------------------|-------------|
| LFB212G44BB1C141 | 2441                                | fo±39                | 3.00 max. (at 25°C)       | Conjugate match to CSR BC5-MM                  | 50                               | WLAN/BT     |
| LFB212G44BF5D107 | 2441                                | fo±39                | 3.30 max. (at 25°C)       | Conjugate match to ST Micro STLC2584           | 50                               | WLAN/BT     |
| LFB212G45BA1A220 | 2450.00                             | fo±50.00             | 3.5 max. (at 25°C)        | 34.2 -j95.0ohm (Differential) Source Impedance | 50                               | WLAN/BT     |
| LFB212G45BA1A234 | 2450.00                             | fo±50.00             | 3.5 max. (at 25°C)        | 50   | 50                               | WLAN/BT     |
| LFB212G45BA1B759 | 2450.00                             | fo±50.00             | 3.5 max. (at 25°C)        | 100  | 50                               | WLAN/BT     |
| LFB212G45BA1B763 | 2450.00                             | fo±50.00             | 3.5 max. (at 25°C)        | 50 +j50ohm (Differential) Source Impedance     | 50                               | WLAN/BT     |
| LFB212G45BA1C057 | 2450                                | fo±50                | 2.8 max. (at 25°C)        | Conjugate match to CSR BC4-ROM                 | 50                               | WLAN/BT     |
| LFB212G45BA1C155 | 2450                                | fo±50                | 2.80 max. (at 25°C)       | Conjugate match to CSR BC4-ROM                 | 50                               | WLAN/BT     |
| LFB212G45BA4D007 | 2450                                | fo±50                | 3.30 max. (at 25°C)       | Conjugate match to TI BRF6300/6350             | 50                               | WLAN/BT     |
| LFB212G45BAAD023 | 2450                                | fo±50                | 3.10 max. (at 25°C)       | Conjugate match to Mediatek MT6611             | 50                               | WLAN/BT     |
| LFB212G45BAAD071 | 2450                                | fo±50                | 3.50 max. (at 25°C)       | Conjugate match to CSR BC6-ROM                 | 50                               | WLAN/BT     |
| LFB212G45BAAD084 | 2450.00                             | fo±50.00             | 2.8 max. (at 25°C)        | Conjugate match to MTK MT6611                  | 50                               | WLAN/BT     |
| LFB212G45BB1D126 | 2450.00                             | fo±50.00             | 2.8 max. (at 25°C)        | Conjugate match to MTK MT6612/6616             | 50                               | WLAN/BT     |
| LFB213G55BA1B974 | 3550                                | fo±250               | 3.2 max. (at 25°C)        | 100  | 50                               | WIMAX       |
| LFB215G37BA1A233 | 5375.00                             | fo±475.00            | 2.8 max. (at 25°C)        | 100  | 50                               | WLAN/BT     |
| LFB2H2G44BB5B754 | 2441.75                             | fo±41.75             | 3.3 max. (at 25°C)        | 120  | 50                               | WLAN/BT     |
| LFB2H2G45BB1A221 | 2450                                | fo±50                | 3.0 max. (at 25°C)        | 75   | 50                               | WLAN/BT     |
| LFB2H2G45BB1A243 | 2450                                | fo±50                | 3.0 max. (at 25°C)        | 100  | 50                               | WLAN/BT     |
| LFB2H2G60BB1B973 | 2600                                | fo±100               | 3.3 max. (at 25°C)        | 100  | 50                               | WIMAX       |
| LFB2H2G60BB1C106 | 2600                                | fo±100               | 3.3 max. (at 25°C)        | 50   | 50                               | WIMAX       |