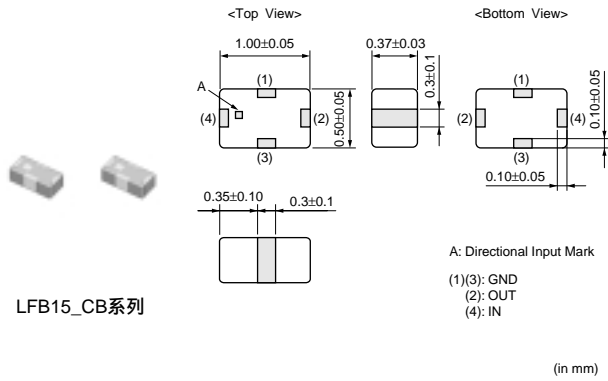


# 射频 / 本振用

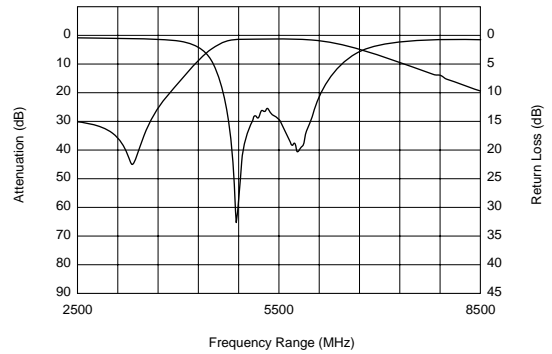
## 片状多层LC滤波器 (BPF)

### ● LFB15(0402)\_CB系列



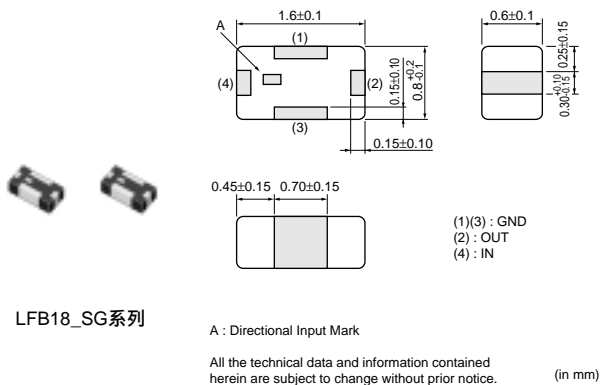
LFB15\_CB系列

### Frequency Characteristics



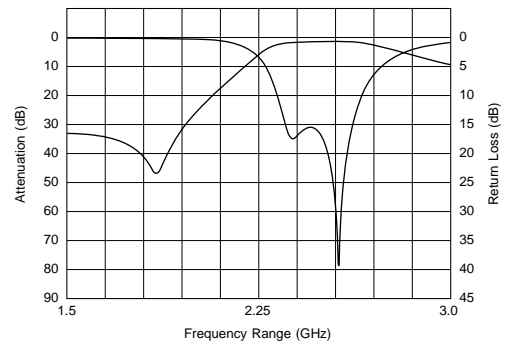
品名	标称中心频率 (fo) (MHz)	频带宽 (BW) (MHz)	频带宽处的插入损耗 (dB)	衰减量 (绝对值) 1) (dB)	衰减量 (绝对值) 2) (dB)	用途
LFB155G37CB1C032	5375	fo±475	1.5 max. (at 25°C)	10 min. at 3800MHz	5 min. at 7500MHz	WLAN/BT
LFB155G50CB1B948	5500	fo±350	1.1 max. (at 25°C)	9.5 min. at 4000MHz	4.5 min. at 7500MHz	WLAN/BT

### ● LFB18(0603)\_SG系列



LFB18\_SG系列

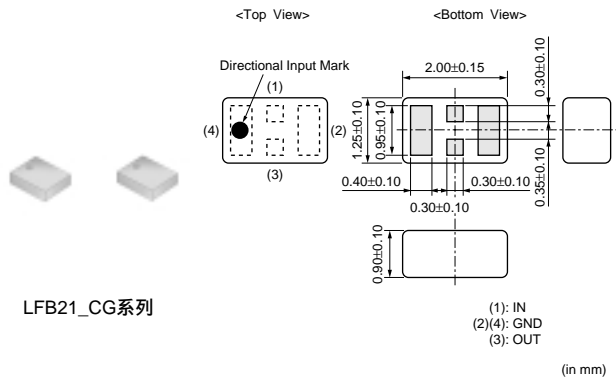
### Frequency Characteristics



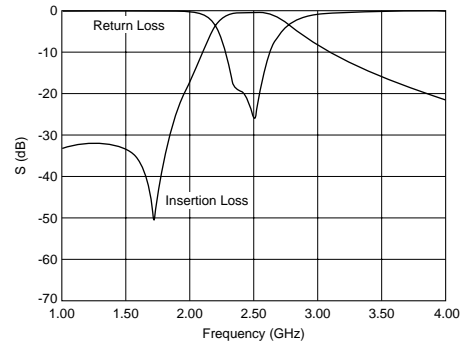
品名	标称中心频率 (fo) (MHz)	频带宽 (BW) (MHz)	频带宽处的插入损耗 (dB)	衰减量 (绝对值) 1) (dB)	衰减量 (绝对值) 2) (dB)	用途
LFB182G45SG9A213	2450	fo±50	2.2 max. (at 25°C)	24 min. at 880~960MHz	20 min. at 1710~1990MHz	WLAN/BT
LFB182G45SG9A246	2450	fo±50	2.2 max. (at 25°C)	24.5 min. at 880~960MHz	12.5 min. at 1710~1990MHz	WLAN/BT
LFB182G45SG9A272	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

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

● LFB21(0805)\_CG系列

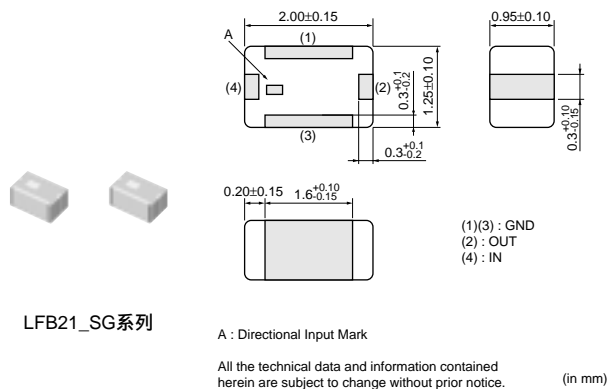


Frequency Characteristics

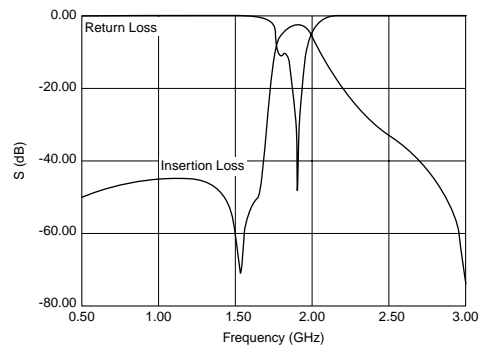


品名	标称中心频率 (fo) (MHz)	频带宽 (BW) (MHz)	频带宽处的插入损耗 (dB)	衰减量 (绝对值) 1) (dB)	衰减量 (绝对值) 2) (dB)	用途
LFB212G45CG1B187	2450.00	fo±50.00	0.90 max. (at 25°C)	28 min. at 824~960MHz	15 min. at 1710~1910MHz	WLAN/BT
LFB212G45CG1B982	2450.00	fo±50.00	1.00 max. (at 25°C)	28 min. at 824~849MHz	17 min. at 1920~1990MHz	WLAN/BT
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系列



Frequency Characteristics



品名	标称中心频率 (fo) (MHz)	频带宽 (BW) (MHz)	频带宽处的插入损耗 (dB)	衰减量 (绝对值) 1) (dB)	衰减量 (绝对值) 2) (dB)	用途
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

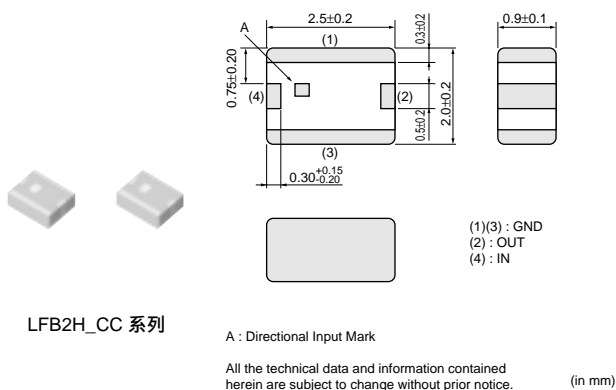
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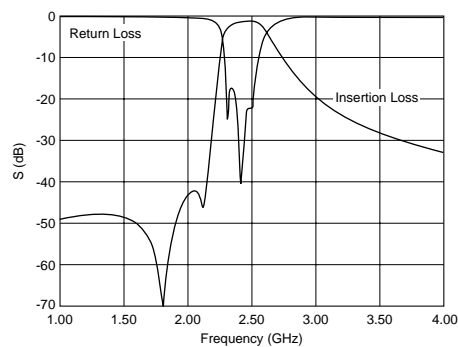
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品名	标称中心频率 (fo) (MHz)	频带宽 (BW) (MHz)	频带宽处的插入损耗 (dB)	衰减量 (绝对值) 1) (dB)	衰减量 (绝对值) 2) (dB)	用途
LFB215G25SG8A144	5250	fo±100.0	1.5 max. (at 25°C)	30 min. at 3450MHz	-	WLAN/BT
LFB215G37SG8A180	5375	fo±475	1.8 max. (at 25°C)	30.0 min. at 500~4000MHz	35.0 min. 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系列

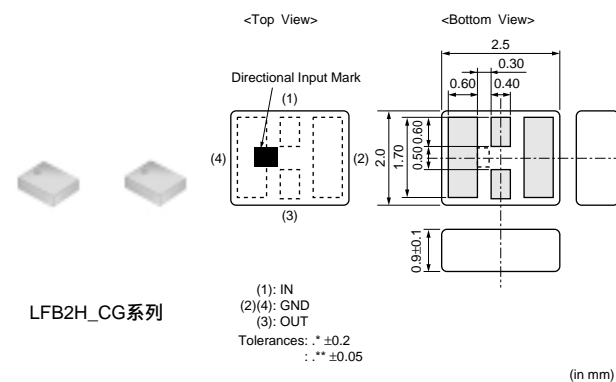


Frequency Characteristics

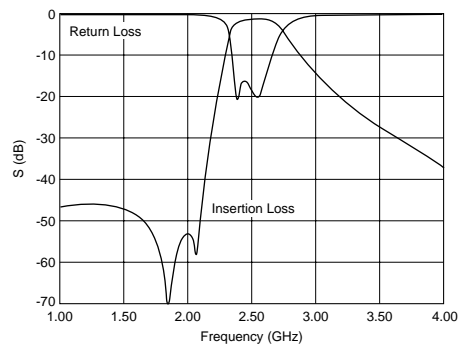


品名	标称中心频率 (fo) (MHz)	频带宽 (BW) (MHz)	频带宽处的插入损耗 (dB)	衰减量 (绝对值) 1) (dB)	衰减量 (绝对值) 2) (dB)	用途
LFB2H2G45CC1D005	2450.00	fo±50.00	1.60 max. (at 25°C)	45 min. at 746~960MHz	40 min. at 1920~1990MHz	WLAN/BT

● LFB2H(1008)\_CG系列



Frequency Characteristics

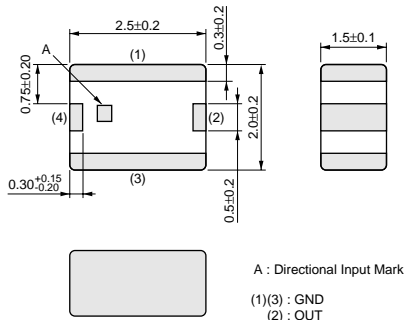


品名	标称中心频率 (fo) (MHz)	频带宽 (BW) (MHz)	频带宽处的插入损耗 (dB)	衰减量 (绝对值) 1) (dB)	衰减量 (绝对值) 2) (dB)	用途
LFB2H2G45CG1C026	2450.00	fo±50.00	2.10 max. (at 25°C)	43 min. at 806~849MHz	43 min. at 1920~1990MHz	WLAN/BT

● LFB2H(1008)\_SG/LFB31(1206)\_SG系列



LFB2H\_SG6系列



A : Directional Input Mark

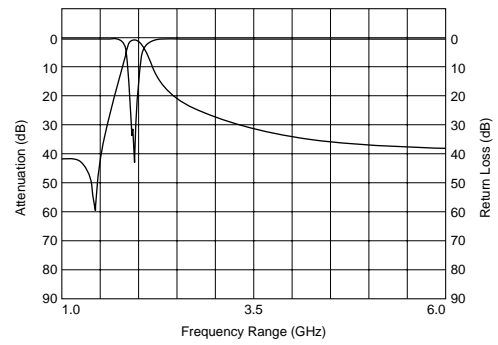
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(2) : OUT

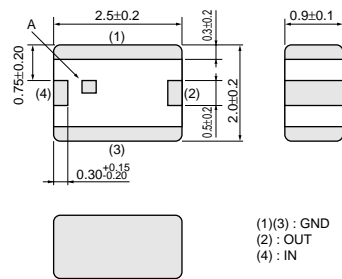
(4) : IN

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Frequency Characteristics



LFB2H\_SG7系列



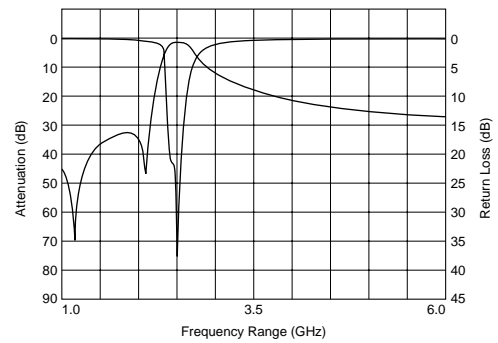
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(2) : OUT

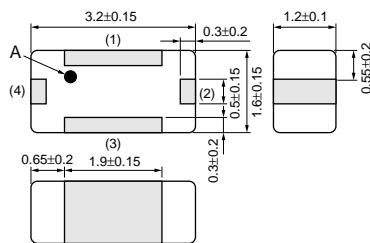
(4) : IN

A : Directional Input Mark  
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LFB31\_SG1系列



A : Directional Input Mark

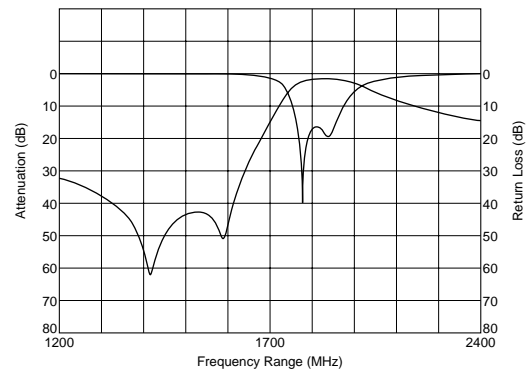
(1) (3) : GND

(2) : OUT

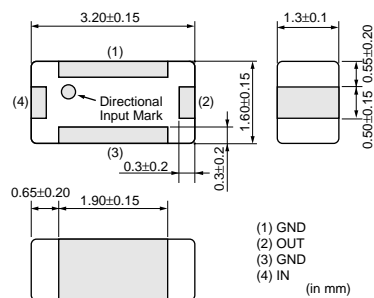
(4) : IN

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Frequency Characteristics



LFB31\_SG2系列



(1) GND

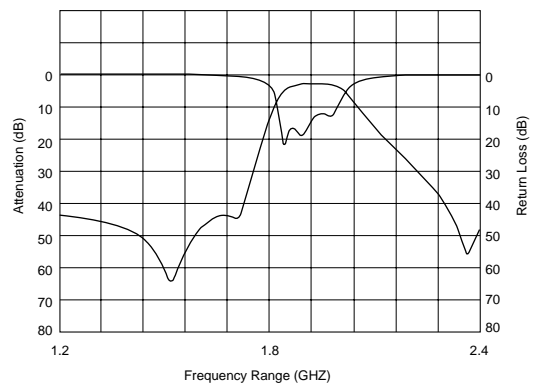
(2) OUT

(3) GND

(4) IN

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Frequency Characteristics



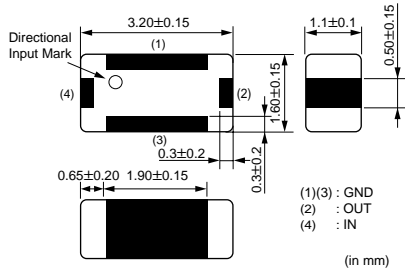
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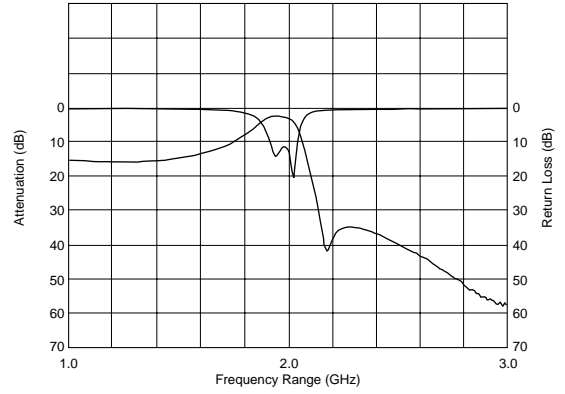


LFB31\_SG3系列

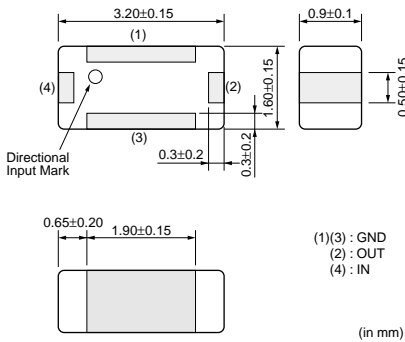


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Frequency Characteristics

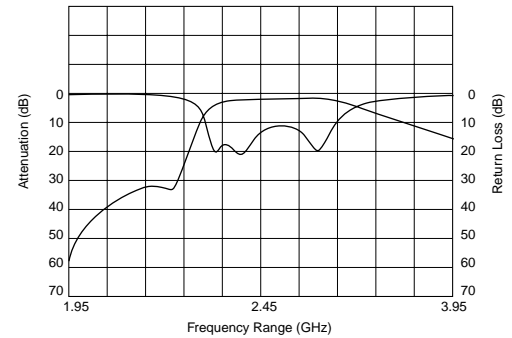


LFB31\_SG7系列



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Frequency Characteristics



品名	标称中心频率 (fo) (MHz)	频带宽 (BW) (MHz)	频带宽处的插入损耗 (dB)	衰减量 (绝对值) 1) (dB)	衰减量 (绝对值) 2) (dB)	用途
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)

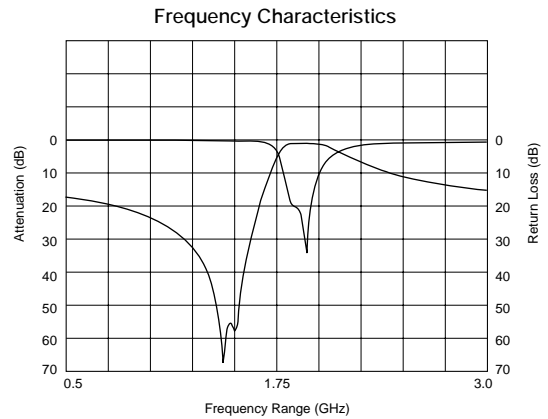
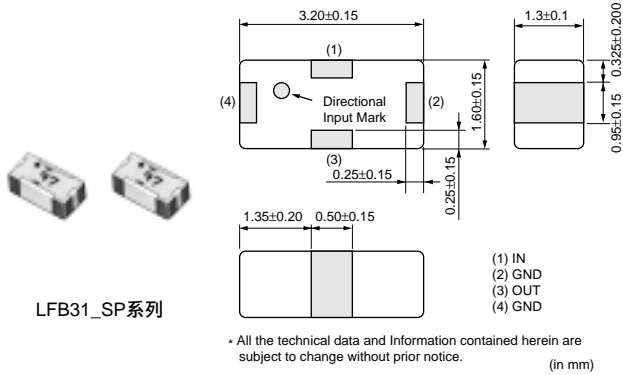
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品名	标称中心频率 (fo) (MHz)	频带宽 (BW) (MHz)	频带宽处的插入损耗 (dB)	衰减量 (绝对值) 1 (dB)	衰减量 (绝对值) 2 (dB)	用途
LFB312G45SG2A509	2450	fo±50	2 max. (at 25°C)	38 min. at 902~928MHz	15 min. at 2100~2200MHz	WLAN/BT
LFB312G45SG7A572	2450	fo±50	2.5 max. (at 25°C)	37 min. at 902~928MHz	20 min. at 2100~2200MHz	WLAN/BT

● LFB31\_SP系列 (1206)

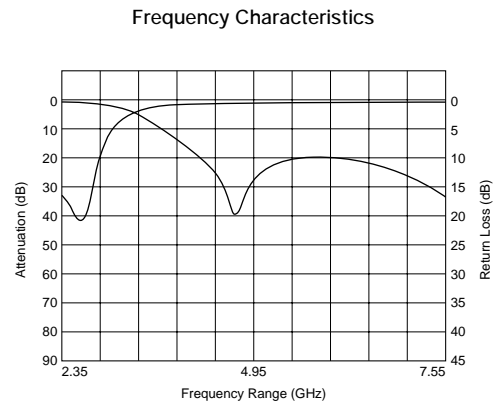
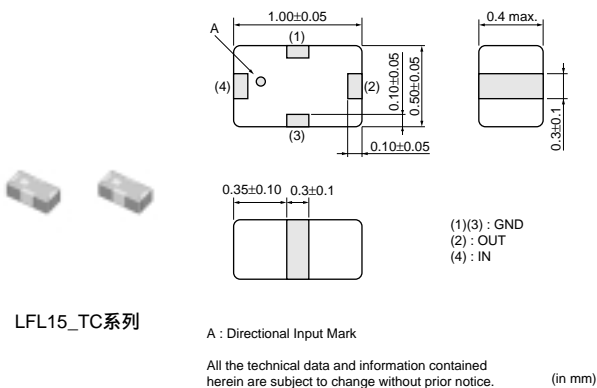


品名	标称中心频率 (fo) (MHz)	频带宽 (BW) (MHz)	频带宽处的插入损耗 (dB)	衰减量 (绝对值) 1 (dB)	衰减量 (绝对值) 2 (dB)	用途
LFB311G90SP1-798	1906.5	fo±13.5	1.0 max. (at 25°C)	40.0 min. at 1405~1440MHz	12.0 min. at 1649~1680MHz	PHS
LFB312G45SP1A502	2450	fo±50	1.2 max. (at 25°C)	20 min. at 902~928MHz	35 min. at 1500~1550MHz	WLAN/BT

射频 / 本振用

片状多层LC滤波器 (LPF)

● LFL15\_TC (0402) / LFL18\_TC (0603) 系列

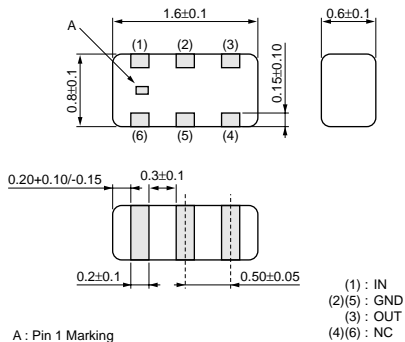


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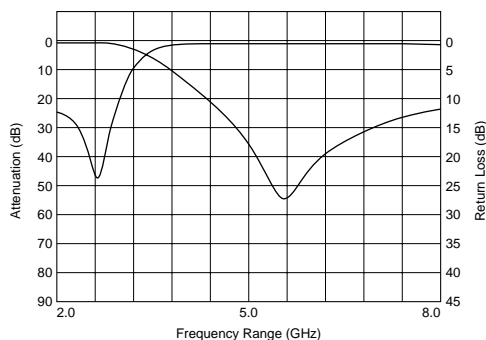
LFL18\_TC1系列



A : Pin 1 Marking

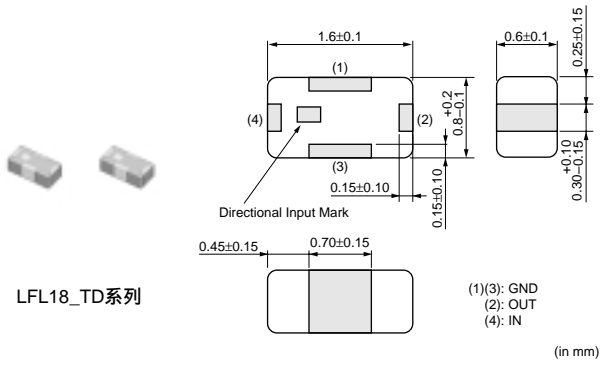
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Frequency Characteristics

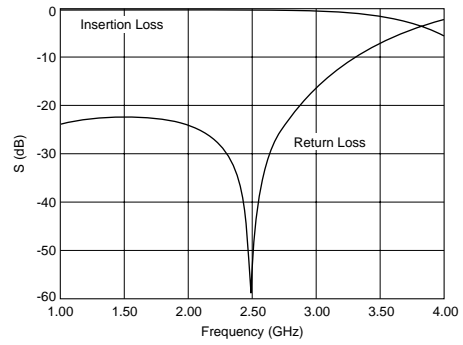


品名	标称中心频率 (fo) (MHz)	频带宽 (BW) (MHz)	频带宽处的插入损耗 (dB)	衰减量 (绝对值) 1 (dB)	衰减量 (绝对值) 2 (dB)	用途
LFL15620MTC1C037	620	fo±150	0.4 max. (at 25°C)	28 min. at 1920~1980MHz	-	CDMA
LFL15869MTC1B787	869.5	fo±45.5	0.50 max. (at 25°C)	18 min. at 2x(fo±45.5)MHz	17 min. at 3x(fo±45.5)MHz	GSM850/900
LFL151G81TC1B786	1810	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) 系列

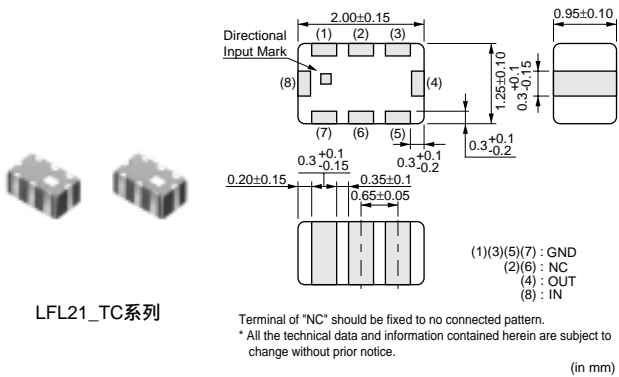


Frequency Characteristics

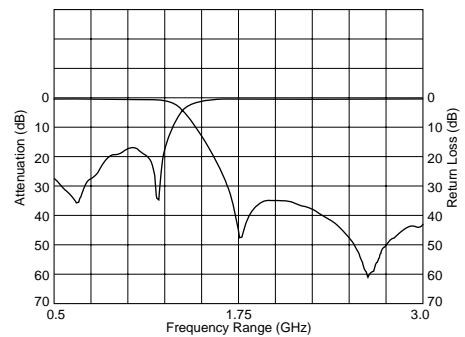


品名	标称中心频率 (fo) (MHz)	频带宽 (BW) (MHz)	频带宽处的插入损耗 (dB)	衰减量 (绝对值) 1) (dB)	衰减量 (绝对值) 2) (dB)	用途
LFL182G45TD2C153	2450.00	fo±50.00	0.40 max. (at 25°C)	20 min. at 4800~5000MHz	19 min. at 7200~7500MHz	WLAN/BT
LFL185G42TD1A241	5425.00	fo±525.00	0.60 max. (at 25°C)	25 min. at 2xfo MHz	20 min. at 3xfo MHz	WLAN

● LFL21\_TC (0805) 系列



Frequency Characteristics



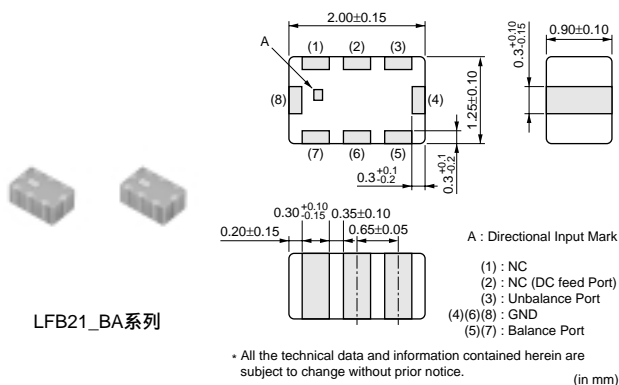
品名	标称中心频率 (fo) (MHz)	频带宽 (BW) (MHz)	频带宽处的插入损耗 (dB)	衰减量 (绝对值) 1) (dB)	衰减量 (绝对值) 2) (dB)	用途
LFL21902MTC1A018	902.5	fo±12.5	0.6 max. (at 25°C)	30 min. at 2x(fo±12.5)MHz	30 min. at 3x(fo±12.5)MHz	GSM
LFL211G90TC1A008	1907.5	fo±12.5	0.47 max. (at 25°C)	30 min. at 2x(fo±12.5)MHz	25 min. at 3x(fo±12.5)MHz	PHS
LFL211G92TC1A060	1920	fo±70	0.6 max. (at 25°C)	24 min. at 3335~3700MHz	30 min. at 3700~3820MHz	UMTS (Band1)
LFL212G45TC1A007	2450	fo±50	0.50 max. (at 25°C)	27 min. at 2x(fo±50.0)MHz	30 min. at 3x(fo±50.0)MHz	WLAN/BT
LFL215G25TC1A156	5250	fo±100.0	0.70 max. (at 25°C)	24 min. at 2x(fo±100)MHz	19 min. at 3x(fo±100)MHz	WLAN/BT
LFL215G37TC1A210	5375	fo±475	0.70 max. (at 25°C)	30 min. at 2x(fo±475)MHz	20 min. at 3x(fo±475)MHz	WLAN/BT
LFL215G51TC1A149	5512	fo±363	0.70 max. (at 25°C)	30 min. at 2x(fo±363)MHz	20 min. at 3x(fo±363)MHz	WLAN/BT
LFL215G78TC1A155	5787.5	fo±62.5	0.70 max. (at 25°C)	30 min. at 2x(fo±62.5)MHz	20 min. at 3x(fo±62.5)MHz	WLAN/BT

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# 射频 / 本振用

## 片状多层LC滤波器 (平衡滤波器)



LFB21\_BA系列

品名	标称中心频率 (fo) (MHz)	频带宽 (BW) (MHz)	频带宽处的插入损耗 (dB)	平衡阻抗 (微分)(Nom.) (ohm)	不平衡阻抗 (Nom.) (ohm)	用途
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