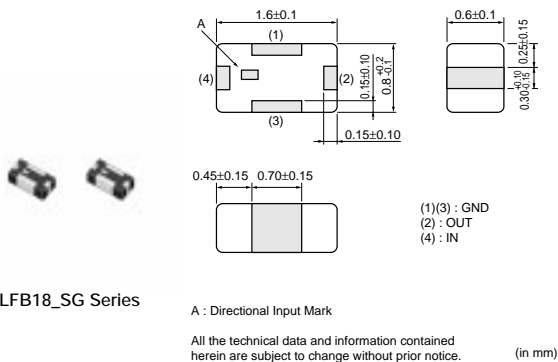


for RF/Local

Chip Multilayer LC Filters (BPF)

● LFB18/21/2H/31_SG Series



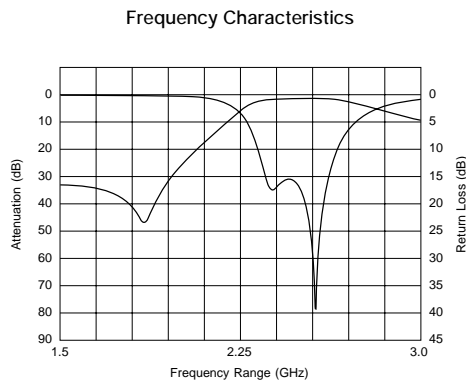
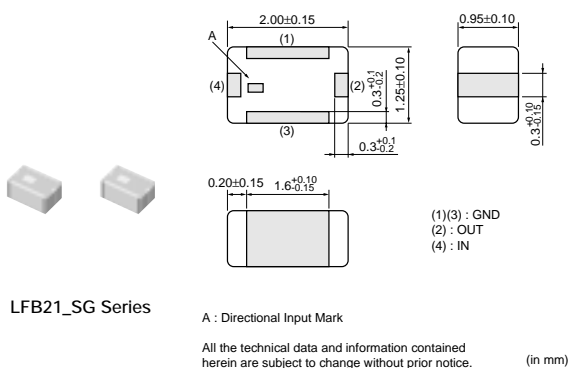
LFB18_SG Series

Dimensions: 1.6 ± 0.1 , 0.6 ± 0.1 , 0.15 ± 0.10 , 0.8 ± 0.1 , 0.15 ± 0.10 , 0.45 ± 0.15 , 0.70 ± 0.15

(1)(3) : GND
(2) : OUT
(4) : IN

A : Directional Input Mark

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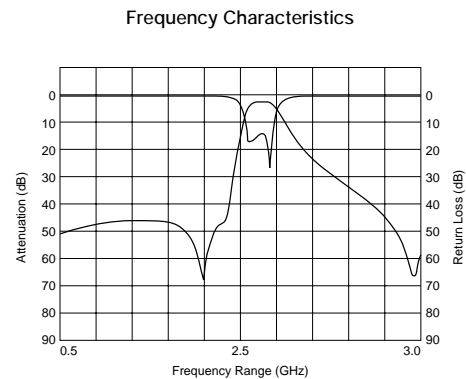
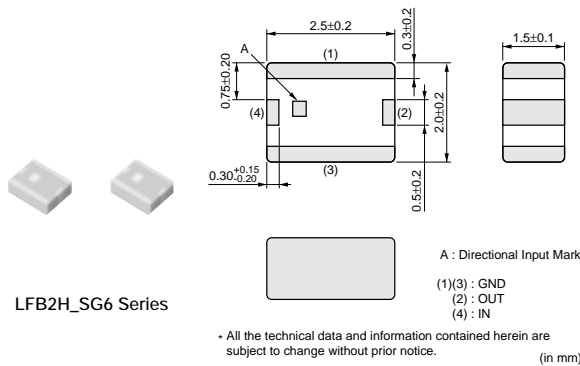
LFB21_SG Series

Dimensions: 2.00 ± 0.15 , 0.95 ± 0.10 , 0.3 ± 0.1 , 1.25 ± 0.10 , 0.3 ± 0.1 , 0.20 ± 0.15 , 1.6 ± 0.15

(1)(3) : GND
(2) : OUT
(4) : IN

A : Directional Input Mark

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

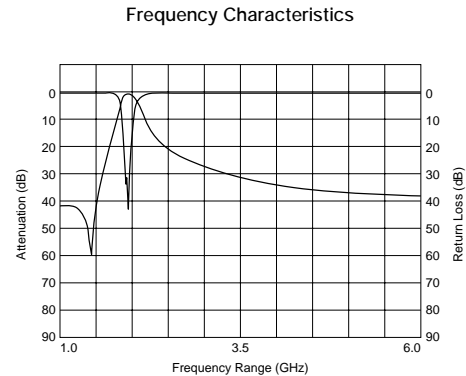
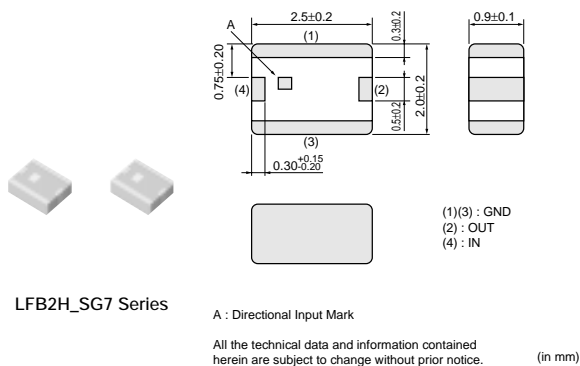
LFB2H_SG6 Series

Dimensions: 2.5 ± 0.2 , 1.5 ± 0.1 , 0.75 ± 0.20 , 0.3 ± 0.2 , 2.0 ± 0.2 , 0.30 ± 0.20 , 0.5 ± 0.2

(1)(3) : GND
(2) : OUT
(4) : IN

A : Directional Input Mark

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

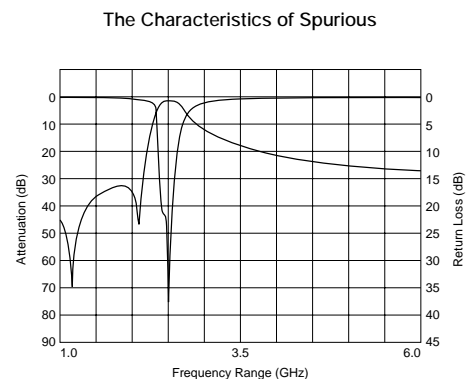
LFB2H_SG7 Series

Dimensions: 2.5 ± 0.2 , 0.9 ± 0.1 , 0.75 ± 0.20 , 0.3 ± 0.2 , 2.0 ± 0.2 , 0.30 ± 0.20 , 0.5 ± 0.2

(1)(3) : GND
(2) : OUT
(4) : IN

A : Directional Input Mark

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



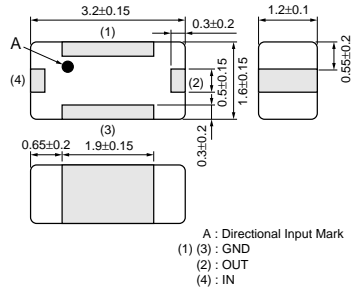
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• This PDF catalog has only typical specifications because there is no space for detailed specifications. Therefore, please approve our product specifications or transact the approval sheet for product specifications before ordering.

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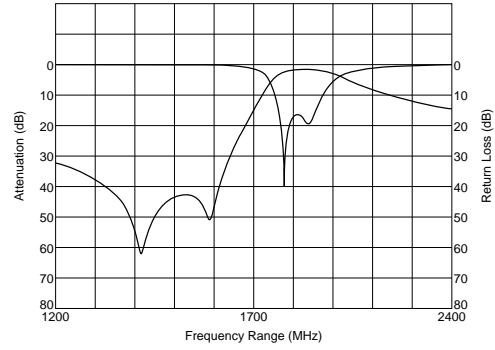


LFB31_SG1 Series

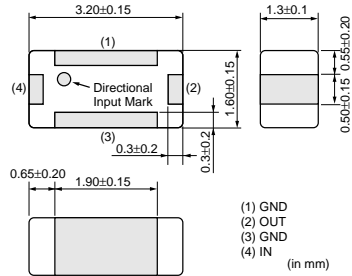


All the technical data and information contained herein are subject to change without prior notice. (in mm)

Frequency Characteristics

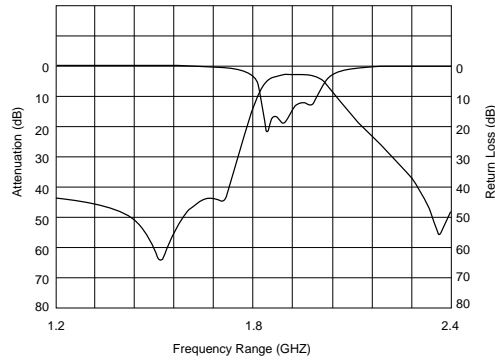


LFB31_SG2 Series

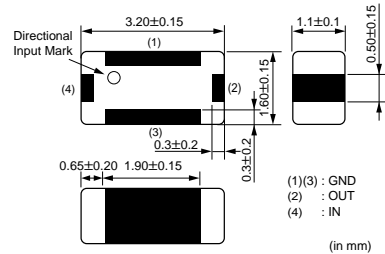


All the technical data and information contained herein are subject to change without prior notice. (in mm)

Frequency Characteristics

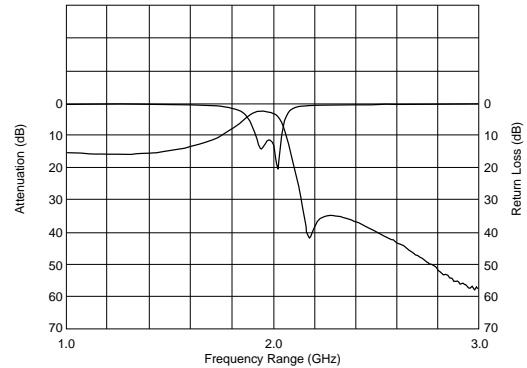


LFB31_SG3 Series

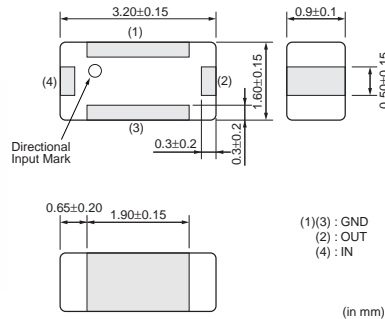


All the technical and information contained herein are subject to change without prior notice. (in mm)

Frequency Characteristics

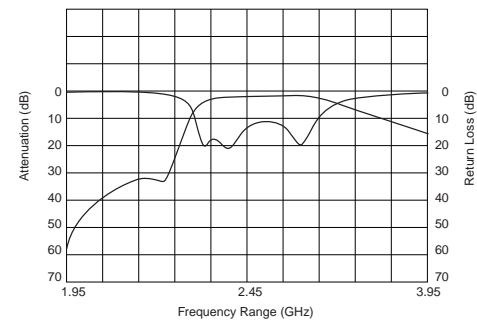


LFB31_SG7 Series



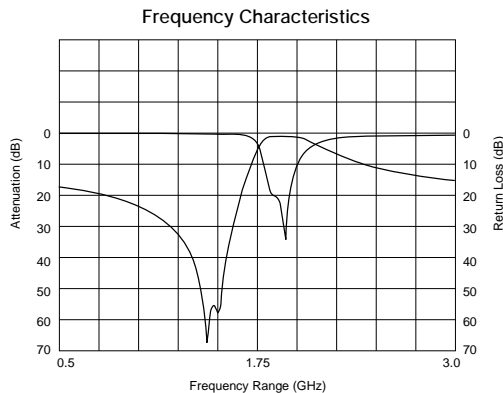
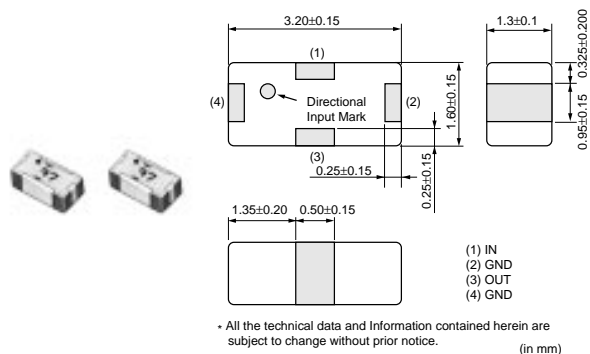
All the technical data and information contained herein are subject to change without prior notice. (in mm)

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
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
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 880~915MHz	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
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)	10.0 min. at 4250MHz	10.0 min. at 5900MHz	WLAN/BT
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)	29.5 min. at 500~4000MHz	34.5 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
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
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)
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 Series (1206)

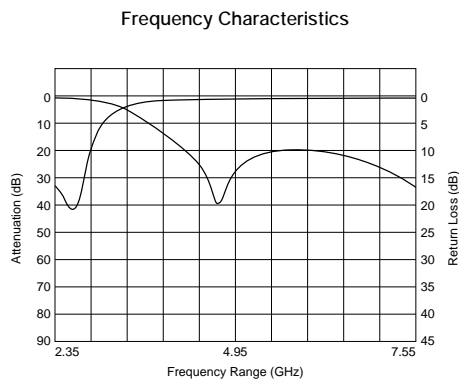
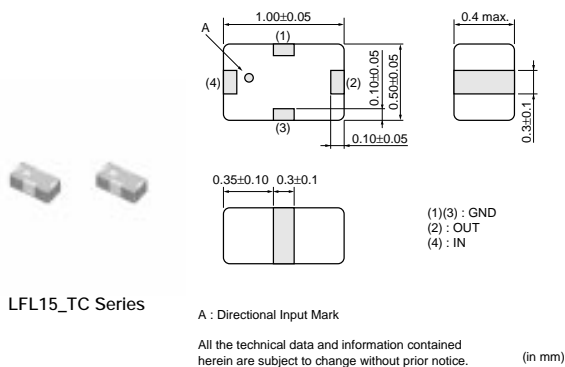


Part Number	Nominal Center Frequency (fo) (MHz)	Bandwidth (BW) (MHz)	Insertion Loss in BW (dB)	Attenuation (Absolute Value) I (dB)	Attenuation (Absolute Value) II (dB)	Application
LFB311G90SP1-798	1906.5	fo±13.5	1.0 max. (at 25°C)	38 min. at 1405~1440MHz	12.0 min. at 1649~1680MHz	PHS
LFB312G45SP1A502	2450	fo±50	1.4 max. (at 25°C)	20 min. at 902~928MHz	35 min. at 1500~1550MHz	WLAN/BT

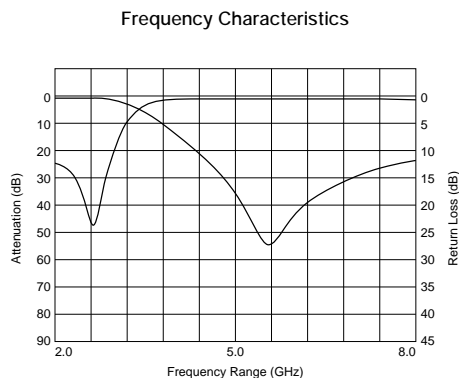
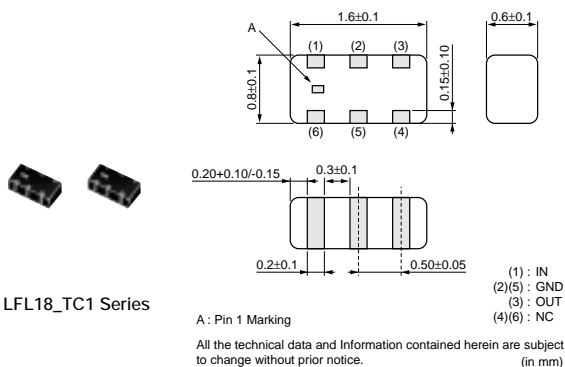
for RF/Local Chip Multilayer LC Filters (LFP)

● LFL15_TC (0402) /LFL18_TC (0603) /LFL21_TC (0805) Series

7
Filters for Communication Equipment



LFL15_TC Series

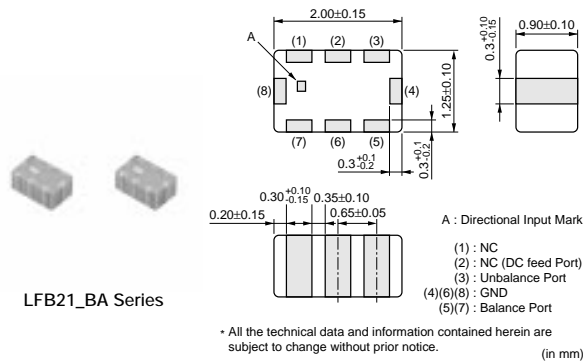


LFL18_TC1 Series

Continued on the following page.

for RF/Local

Chip Multilayer LC Filters (Balanced Filters)

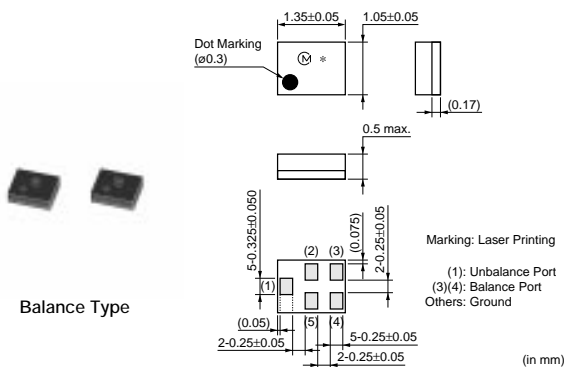


Part Number	Nominal Center Frequency (fo) (MHz)	Bandwidth (BW) (MHz)	Insertion Loss in BW (dB)	Balance Impedance (Differential) (Nom.) (ohm)	Unbalance Impedance (Nom.) (ohm)	Application
LFB212G45BA1A220	2450.00	fo±50.00	3.5 max. (at 25°C)	34.2 -j95.0ohm (Differential) Source Impedance	50	WLAN/BT
LFB212G45BA1A234	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
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

for RF/Local

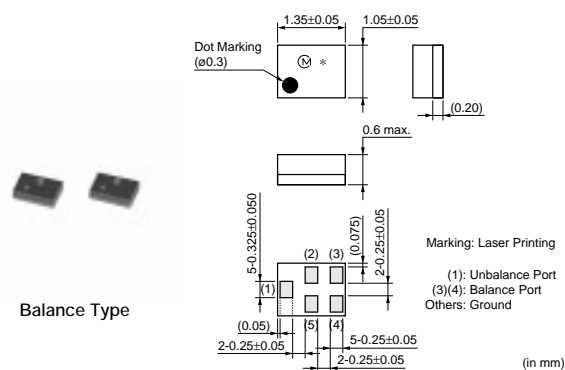
SAW Filters

● SAFEA Series

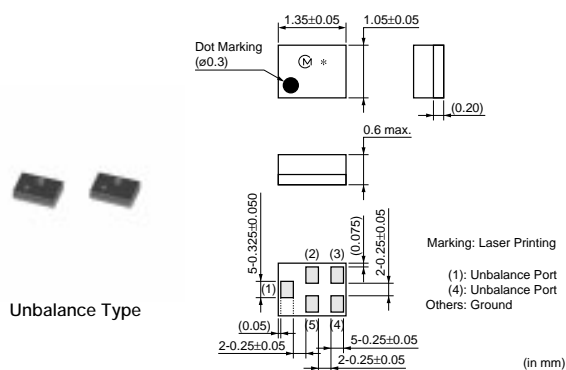


Balance Type

● SAFEB Series

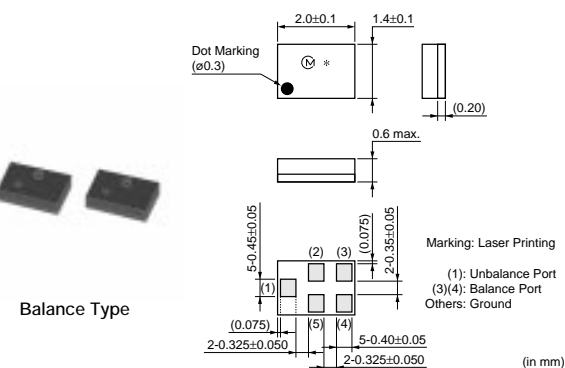


Balance Type



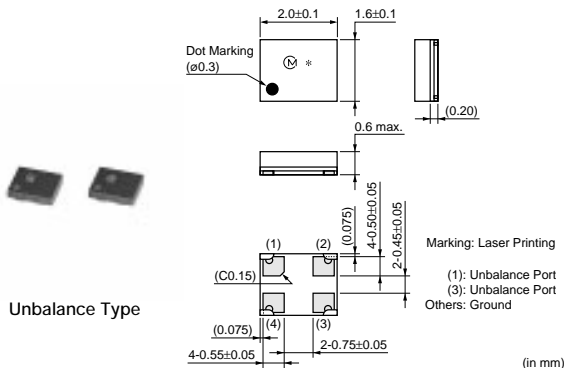
Unbalance Type

● SAFED Series



Balance Type

● SAFEF Series



Unbalance Type

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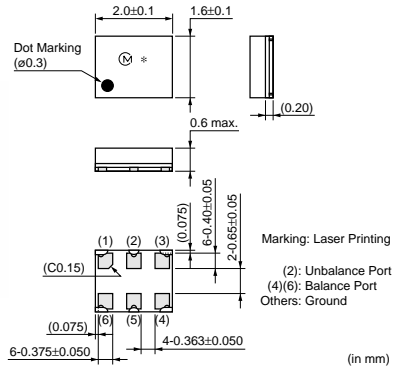
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● **SAFEH Series**



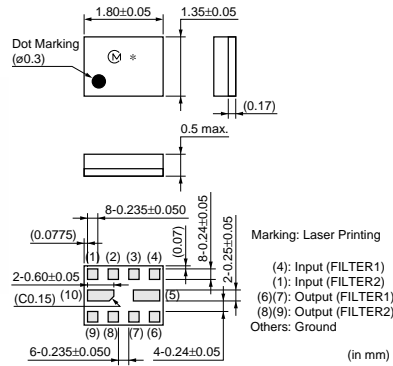
Balance Type



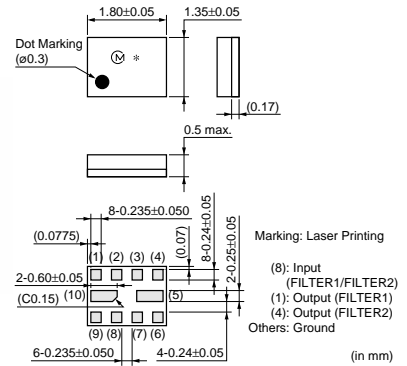
● **SAWEN Series**



Balance Type



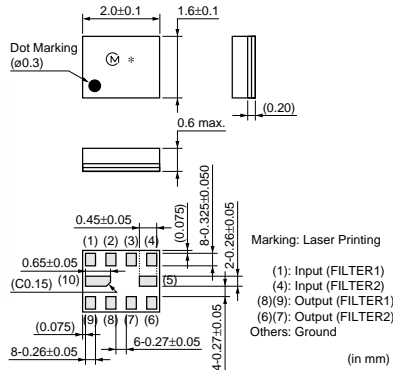
Unbalance Type



● **SAWEP Series**



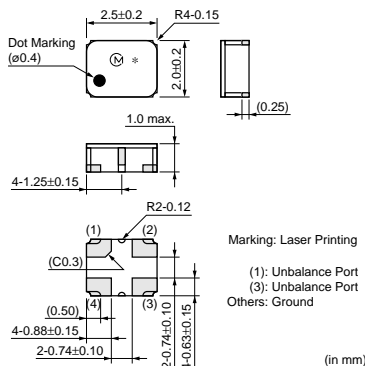
Balance Type



● **SAFSE Series**



Unbalance Type



● GPS

Part Number	Center Frequency (MHz)	Insertion Loss (dB)	Ripple (dB max.)	VSWR	Input Impedance	Output Impedance
SAFEB1G57FA0F00	1575.5	1.6 max. (1574MHz-1577MHz)	0.6 (1574MHz-1577MHz)	1.7 max. (1574MHz-1577MHz)	50ohm	100ohm (Balance)
SAFEB1G57KB0F00	1575.42	0.8 max. (1574.22MHz-1576.62MHz)	0.5 (1574.22MHz-1576.62MHz)	2.0 max. (1574.22MHz-1576.62MHz)	50ohm	50ohm
SAFEB1G57KE0F00	1575.5	1.3 max. (1573.92MHz-1576.92MHz)	0.6 (1573.92MHz-1576.92MHz)	1.7 max. (1573.92MHz-1576.92MHz)	50ohm	50ohm
SAFSE1G57KA0T09	1575.42	2.0 max. (1574.42MHz-1576.42MHz)	1.5 (1574.42MHz-1576.42MHz)	1.8 max. (1574.42MHz-1576.42MHz)	50ohm	50ohm

● GSM850

Part Number	Center Frequency (MHz)	Insertion Loss (dB)	Ripple (dB max.)	VSWR	Input Impedance	Output Impedance
SAFEA881MFL0F00	881.5	1.9 max. (869MHz-894MHz)	1.0 (869MHz-894MHz)	1.7 max. (869MHz-894MHz)	50ohm	150ohm/82nH (Balance)
SAFEB881MFL0F00	881.5	2.3 max. (869MHz-894MHz)	1.2 (869MHz-894MHz)	1.8 max. (869MHz-894MHz)	50ohm	150ohm/82nH (Balance)
SAFEB881MAL0F00	881.5	2.6 max. (869MHz-894MHz)	1.2 (869MHz-894MHz)	2.0 max. (869MHz-894MHz)	50ohm	50ohm
SAFED881MFL0F05	881.5	2.0 max. (869MHz-894MHz)	1.1 (869MHz-894MHz)	1.8 max. (869MHz-894MHz)	50ohm	150ohm/68nH (Balance)

● GSM850/GSM900 Dual Band


Part Number	Center Frequency (MHz)	Insertion Loss (dB)	Ripple (dB max.)	VSWR	Input Impedance	Output Impedance
SAWEN881MCN0F00(881.5)	881.5	2.0 max. (869MHz-894MHz)	1.1 max. (869MHz-894MHz)	2.0 max. (869MHz-894MHz)	50ohm	150ohm/82nH (Balance)
SAWEN881MCN0F00(942.5)	942.5	2.4 max. (925MHz-960MHz)	1.5 max. (925MHz-960MHz)	2.1 max. (925MHz-960MHz)	50ohm	150ohm/82nH (Balance)
SAWEP881MCQ0F00(881.5)	881.5	2.0 max. (869MHz-894MHz)	1.1 (869MHz-894MHz)	2.0 max. (869MHz-894MHz)	50ohm	150ohm/82nH (Balance)
SAWEP881MCQ0F00(942.5)	942.5	2.4 max. (925MHz-960MHz)	1.5 (925MHz-960MHz)	2.1 max. (925MHz-960MHz)	50ohm	150ohm/82nH (Balance)

● GSM850/GSM1900 Dual Band

Part Number	Center Frequency (MHz)	Insertion Loss (dB)	Ripple (dB max.)	VSWR	Input Impedance	Output Impedance
SAWEN881MCM2F00(881.5)	881.5	2.0 max. (869MHz-894MHz)	1.1 max. (869MHz-894MHz)	2.0 max. (869MHz-894MHz)	50ohm	150ohm/82nH (Balance)
SAWEN881MCM2F00(1960)	1960	2.6 max. (1930MHz-1990MHz)	1.8 max. (1930-1990MHz)	2.2 max. (1930-1990MHz)	50ohm	150ohm/22nH (Balance)
SAWEP881MCN2F00(881.5)	881.5	2.3 max. (869MHz-894MHz)	1.2 max. (869MHz-894MHz)	1.8 max. (869MHz-894MHz)	50ohm	150ohm/82nH (Balance)
SAWEP881MCN2F00(1960)	1960	2.6 max. (1930MHz-1990MHz)	1.8 max. (1930MHz-1990MHz)	2.2 max. (1930MHz-1990MHz)	50ohm	150ohm/18nH (Balance)

● GSM900

Part Number	Center Frequency (MHz)	Insertion Loss (dB)	Ripple (dB max.)	VSWR	Input Impedance	Output Impedance
SAFEA942MFL0F00	942.5	2.3 max. (925MHz-960MHz)	1.4 (925MHz-960MHz)	2.0 max. (925MHz-960MHz)	50ohm	150ohm/82nH (Balance)
SAFEB942MFL0F00	942.5	2.7 max. (925MHz-960MHz)	1.7 (925MHz-960MHz)	2 max. (925MHz-960MHz)	50ohm	150ohm/82nH (Balance)
SAFEB942MAL0F00	942.5	2.7 max. (925MHz-960MHz)	1.7 (925MHz-960MHz)	2.0 max. (925MHz-960MHz)	50ohm	50ohm

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Part Number	Center Frequency (MHz)	Insertion Loss (dB)	Ripple (dB max.)	VSWR	Input Impedance	Output Impedance
SAFED942MFM0F00	942.5	2.2 max. (925MHz-960MHz)	1.3 (925MHz-960MHz)	2.1 max. (925MHz-960MHz)	50ohm	150ohm/82nH (Balance)

● GSM900/GSM1800 Dual Band

Part Number	Center Frequency (MHz)	Insertion Loss (dB)	Ripple (dB max.)	VSWR	Input Impedance	Output Impedance
SAWEN942MCN0F00(942.5)	942.5	2.3 max. (925MHz-960MHz)	1.5 max. (925MHz-960MHz)	2.0 max. (925MHz-960MHz)	50ohm	150ohm/82nH (Balance)
SAWEN942MCN0F00(1842.5)	1842.5	2.5 max. (1805MHz-1880MHz)	1.5 max. (1805MHz-1880MHz)	2.3 max. (1805MHz-1880MHz)	50ohm	150ohm/15nH (Balance)
SAWEP942MCN0F00(942.5)	942.5	2.3 max. (925MHz-960MHz)	1.3 (925MHz-960MHz)	2.1 max. (925MHz-960MHz)	50ohm	150ohm/82nH (Balance)
SAWEP942MCN0F00(1842.5)	1842.5	2.2 max. (1805MHz-1880MHz)	1.2 (1805MHz-1880MHz)	2.2 max. (1805MHz-1880MHz)	50ohm	150ohm/15nH (Balance)

● GSM1800

Part Number	Center Frequency (MHz)	Insertion Loss (dB)	Ripple (dB max.)	VSWR	Input Impedance	Output Impedance
SAFEA1F84FA0F00	1842.5	2.2 max. (1805MHz-1880MHz)	1.5 (1805MHz-1880MHz)	2.1 max. (1805MHz-1880MHz)	50ohm	150ohm/18nH (Balance)
SAFEB1G84FA0F00	1842.5	2.5 max. (1805-1880MHz)	1.5 (1805MHz-1880MHz)	2.2 max. (1805MHz-1880MHz)	50ohm	150ohm/18nH (Balance)
SAFEB1G84AA0F00	1842.5	2.8 max. (1805MHz-1880MHz)	1.6 (1805MHz-1880MHz)	2.5 max. (1805MHz-1880MHz)	50ohm	50ohm
SAFED1G84FB0F00	1842.5	2.0 max. (1805-1880MHz)	1.3 (1805MHz-1880MHz)	2.5 max. (1805MHz-1880MHz)	50ohm	150ohm/18nH (Balance)

● GSM1800/GSM1900 Dual Band

Part Number	Center Frequency (MHz)	Insertion Loss (dB)	Ripple (dB max.)	VSWR	Input Impedance	Output Impedance
SAWEN1G84CN0F00(1842.5)	1842.5	2.5 max. (1805MHz-1880MHz)	1.8 max. (1805MHz-1880MHz)	2.2 max. (1805MHz-1880MHz)	50ohm	150ohm/15nH (Balance)
SAWEN1G84CN0F00(1960)	1960	2.6 max. (1930MHz-1990MHz)	1.8 max. (1930MHz-1990MHz)	2.2 max. (1930MHz-1990MHz)	50ohm	150ohm/22nH (Balance)
SAWEP1G84CQ0F00(1842.5)	1842.5	2.5 max. (1805MHz-1880MHz)	1.5 (1805MHz-1880MHz)	2.2 max. (1805MHz-1880MHz)	50ohm	150ohm/15nH (Balance)
SAWEP1G84CQ0F00(1960)	1960	2.6 max. (1930MHz-1990MHz)	1.8 (1930MHz-1990MHz)	2.2 max. (1930MHz-1990MHz)	50ohm	150ohm/18nH (Balance)

● GSM1900

Part Number	Center Frequency (MHz)	Insertion Loss (dB)	Ripple (dB max.)	VSWR	Input Impedance	Output Impedance
SAFEA1G96FA0F00	1960	2.6 max. (1930MHz-1990MHz)	1.7 (1930MHz-1990MHz)	2.2 max. (1930MHz-1990MHz)	50ohm	150ohm/27nH (Balance)
SAFEB1G96FA0F00	1960	2.6 max. (1930-1990MHz)	1.8 (1930MHz-1990MHz)	2.2 max. (1930MHz-1990MHz)	50ohm	150ohm/27nH (Balance)
SAFED1G96FA0F00	1960	2.9 max. (1930-1990MHz)	1.8 (1930MHz-1990MHz)	2.4 max. (1930MHz-1990MHz)	50ohm	150ohm/18nH (Balance)
SAFEB1G96AA0F00	1960	2.8 max. (1930MHz-1990MHz)	1.7 (1930MHz-1990MHz)	2.5 max. (1930MHz-1990MHz)	50ohm	50ohm

● J-CDMA

Part Number	Center Frequency (MHz)	Insertion Loss (dB)	Ripple (dB max.)	VSWR	Input Impedance	Output Impedance
SAFEA859MCL0F00	859	2.9 max. (843MHz-875MHz)	2.0 max. (843MHz-875MHz)	2.3 max. (843MHz-875MHz)	50ohm	100ohm (Balance)
SAFEB859MAL0F00	859	3.2 max. (843MHz-875MHz)	1.8 max. (843MHz-875MHz)	2.0 max. (843MHz-870MHz) 2.2 max. (870MHz-875MHz)	50ohm	50ohm
SAFEB911MAL0F00	911.5	2.2 max. (898MHz-925MHz)	1.2 (898MHz-925MHz)	2.0 max. (898MHz-925MHz)	50ohm	50ohm
SAWEN827MAA0F00(827)	827	3.0 max. (824MHz-830MHz)	1.3 max. (824MHz-830MHz)	2.0 max. (824MHz-830MHz)	50ohm	50ohm
SAWEN827MAA0F00(911.5)	911.5	3.0 max. (898MHz-925MHz)	1.5 max. (898MHz-925MHz)	2.1 max. (898MHz-925MHz)	50ohm	50ohm

● PCS(CDMA)

Part Number	Center Frequency (MHz)	Insertion Loss (dB)	Ripple (dB max.)	VSWR	Input Impedance	Output Impedance
SAFEB1G88KA0F00	1880	4.0 max. (1850MHz-1910MHz)	3.1 max. (1850MHz-1910MHz)	1.9 max. (1850MHz-1910MHz)	50ohm	50ohm
SAFEB1G96FL0F00	1960	3.3 max. (1930MHz-1990MHz)	1.8 max. (1930MHz-1990MHz)	2.4 max. (1930MHz-1990MHz)	50ohm	100ohm (Balance)
SAFEB1G96KA0F00	1960	3.3 max. (1930MHz-1990MHz) 3.1 max. (1930.4MHz-1989.6MHz)	2.3 max. (1930MHz-1990MHz)	2.2 max. (1930MHz-1990MHz)	50ohm	50ohm

● W-CDMA

Part Number	Center Frequency (MHz)	Insertion Loss (dB)	Ripple (dB max.)	VSWR	Input Impedance	Output Impedance
SAFEB1G95FL0F00	1950	2.6 max. (1920-1980MHz)	1.3 (1920MHz-1980MHz)	1.8 max. (1920MHz-1980MHz)	200ohm//27nH	50ohm (Balance)
SAFEB1G95KA0F00	1950	2.9 max. (1920-1980MHz)	2.0 (1920MHz-1980MHz)	2 max. (1920MHz-1980MHz)	50ohm	50ohm
SAFEH1G95FL0F00	1950	2.8 max. (1920-1980MHz)	1.5 (1920MHz-1980MHz)	2 max. (1920MHz-1980MHz)	200ohm//33nH	50ohm (Balance)
SAFEB2G14FA0F00	2140	2.3 max. (2110-2170MHz)	1.2 (2110MHz-2170MHz)	1.8 max. (2110MHz-2170MHz)	50ohm	200ohm//27nH (Balance)
SAFEB2G14FB0F00	2140	2.5 max. (2110-2170MHz)	1.5 (2110-2170MHz)	1.9 max. (2110-2170MHz)	50ohm	100ohm//27nH (Balance)
SAFEB2G14AL0F00	2140	3.5 max. (2110-2170MHz)	1.6 (2110-2170MHz)	2.0 max. (2110-2170MHz)	50ohm	50ohm
SAFEH2G14FA0F00	2140	2.3 max. (2110-2170MHz)	1.2 (2110MHz-2170MHz)	1.8 max. (2110MHz-2170MHz)	50ohm	200ohm//27nH (Balance)

● CDMA800/TDMA800/E-AMPS/GSM850

Part Number	Center Frequency (MHz)	Insertion Loss (dB)	Ripple (dB max.)	VSWR	Input Impedance	Output Impedance
SAFEB881MFM0F00	881.5	2.2 max. (869MHz-894MHz)	1.5 (869MHz-894MHz)	2.0 max. (869MHz-894MHz)	50ohm	100ohm (Balance)
SAFEB836MAL0F00	836.5	2.5 max. (824MHz-849MHz)	1.8 (824MHz-849MHz)	1.9 max. (824MHz-849MHz)	50ohm	50ohm
SAFEF836MAL0F00	836.5	2.8 max. (824MHz-849MHz)	1.4 (824MHz-849MHz)	1.9 max. (824MHz-849MHz)	50ohm	50ohm