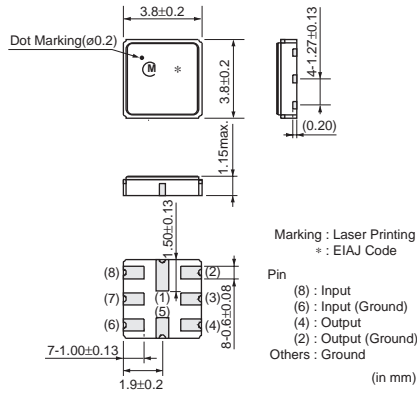


## for IF

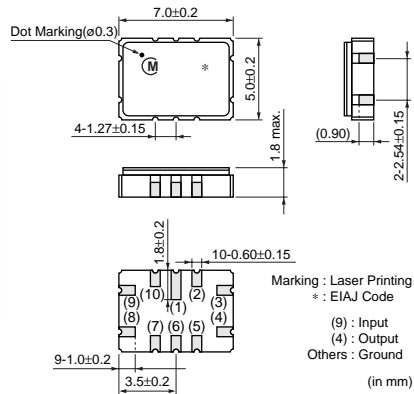
### SAW Filters

#### ● AMPS/ADC



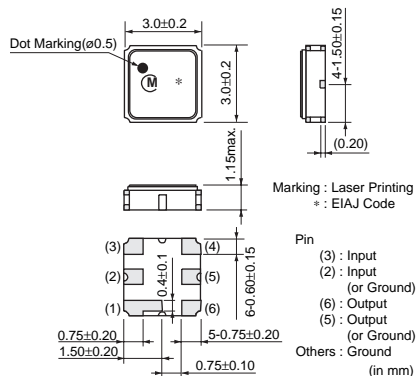
Part Number	Center Frequency (MHz)	3dB Bandwidth (kHz)	Insertion Loss (dB)	Ripple (dB max.)	Input/Output Impedance
SAFCG130MCA0T00	130.380	±630 min.	5.5 max. (at fo point)	-	310ohm//1.6μH (Input) 310ohm//1.6μH (Output)
SAFCT85M3JB0X05	85.380	±12 min.	5.5 max. (at min. loss point)	1.5 (fo±12kHz)	870ohm//-1.8pF (Input) 870ohm//-1.8pF (Output)

#### ● DECT



Part Number	Center Frequency (MHz)	3dB Bandwidth (kHz)	Insertion Loss (dB)	Ripple (dB max.)	Input/Output Impedance
SAFCT110MCB1T00	110.592	±576 min.	4.5 max. (at min. loss point)	-	300ohm//1.2μH (Input) 300ohm//1.2μH (Output)


#### ● GPS




△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.

Part Number	Center Frequency (MHz)	3dB Bandwidth (MHz)	Insertion Loss (dB)	Ripple (dB max.)	Input/Output Impedance
<b>SAFCC110MCA1T00</b>	110.0	±1.023 min.	3.7 max. (at min. loss point)	0.6	480ohm// -1.6μH (Input) 650ohm// -1.6μH (Output)

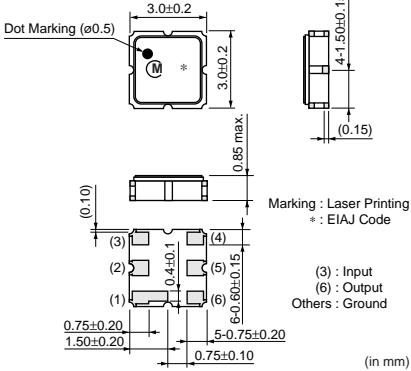
## ● PHS



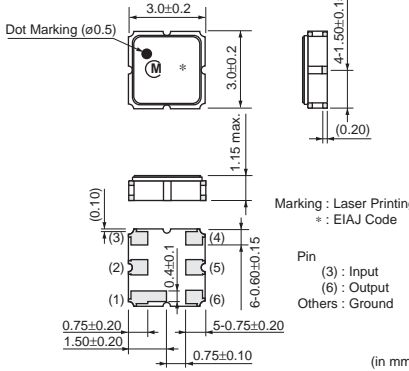
**SAFDA243MRD9X00**



**SAFCC243MRB9X00**



(in mm)




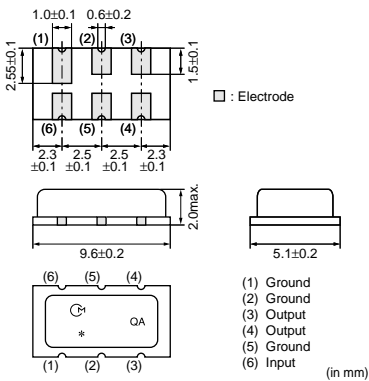
(in mm)

Marking : Laser Printing  
\* : EIAJ Code

Pin (3) : Input  
(6) : Output  
Others : Ground

Part Number	Center Frequency (MHz)	3dB Bandwidth (kHz)	Insertion Loss (dB)	Ripple (dB max.)	Input/Output Impedance
<b>SAFDA243MRD9X00</b>	243.95	±130 min.	4.5 max. (at fo point)	1.0 (fo±100kHz)	760ohm// -1.0pF (Input) 760ohm// -0.8pF (Output)
<b>SAFDA265MRD5X00</b>	265.55	±130 min.	4.5 max. (at fo point)	1 (fo±100kHz)	740ohm// -1.0pF (Input) 820ohm// -0.9pF (Output)
<b>SAFCC243MRB9X00</b>	243.95	±130 min.	4.5 max. (at min. loss point)	1.0 (fo±100kHz)	760ohm// -1.0pF (Input) 760ohm// -0.8pF (Output)
<b>SAFCC265MRB5X01</b>	265.55	±130 min.	4.5 max. (at fo point)	1.0 (fo±100kHz)	740ohm// -1.0pF (Input) 820ohm// -0.9pF (Output)

## ● Wireless LAN

□ : Electrode

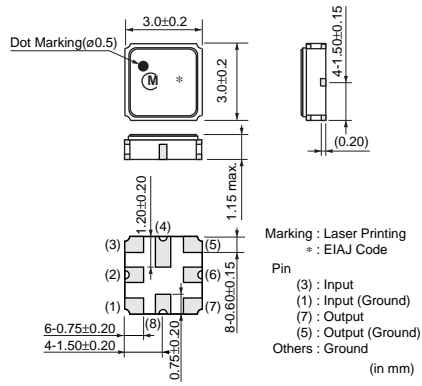
(1) Ground  
(2) Ground  
(3) Output  
(4) Output  
(5) Ground  
(6) Input

(in mm)

Part Number	Center Frequency (MHz)	3dB Bandwidth (MHz)	Insertion Loss (dB)	Ripple (dB max.)	Input/Output Impedance
<b>SAFJA43M0WC0Z00R03</b>	43.00 ±0.1MHz (fo)	1.25 min.	21.0 max. (at fo point)	-	-

## ● 5G W-LAN

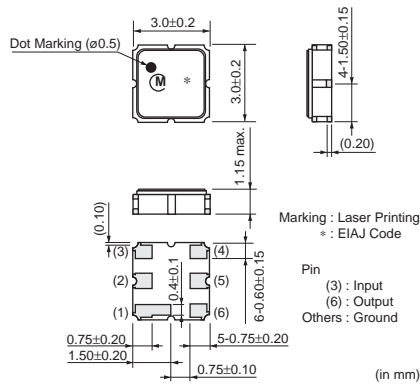
SAFCD450MCL0N00



Part Number	Center Frequency (MHz)	3dB Bandwidth (MHz)	Insertion Loss (dB)	Ripple (dB max.)	Input/Output Impedance
<b>SAFCD450MCL0N00</b>	450	±8.2 min.	4.5 max. (at min. loss point)	1.5 (fo±8.2MHz)	200ohm//150nH (Input) 200ohm//150nH (Output)
<b>SAFCD570MCL0N00</b>	570	±8.5 min. (2dB Bandwidth)	7.0 max. (fo±8.5MHz)	2.0 (fo±8.5MHz)	200ohm//100nH (Input) 200ohm//100nH (Output)

## for IF

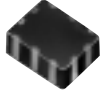
### BGS Filters



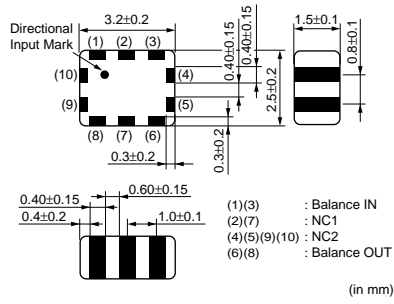
Part Number	Nominal Center Frequency(fn) (MHz)	3dB Bandwidth (MHz)
<b>MKFCC40M0CC0P00R05</b>	40.00	fn±1.75 min.

## for IF

### Chip LC Filters (Balance-balance Type)



LFB32\_SH Series

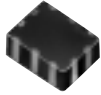


\*(Terminal of "NC1" should be fixed to the no connected pattern.  
Terminal of "NC2" should not be fixed to any pattern.  
All the technical data and Information contained herein are subject to change without prior notice.

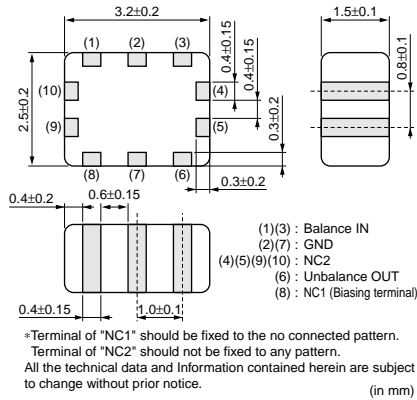
Part Number	Nominal Center Frequency (fo) (MHz)	Bandwidth (BW) (MHz)	Insertion Loss in BW (dB)	Input Balance Impedance (Differential) (Nom.) (ohm)	Output Balance Impedance (Differential) (Nom.) (ohm)
LFB32130MSH3A569	130.38	fo±0.7	5 max. (at 25°C)	1000	250
LFB32166MSH2A570	166.85	fo±0.65	5 max. (at 25°C)	300	300

## for IF

### Chip LC Filters (Balance-unbalance Type)



LFB32\_SQ Series



\*(Terminal of "NC1" should be fixed to the no connected pattern.  
Terminal of "NC2" should not be fixed to any pattern.  
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)	Balance Impedance (Differential) (Nom.) (ohm)	Unbalance Impedance (Nom.) (ohm)
LFB32130MSQ1A552	130.38	fo±0.65	5.5 max. (at 25°C)	1000	50
LFB32166MSQ1A527	166.85	fo±0.7	4 max. (at 25°C)	200	50