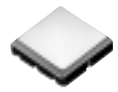
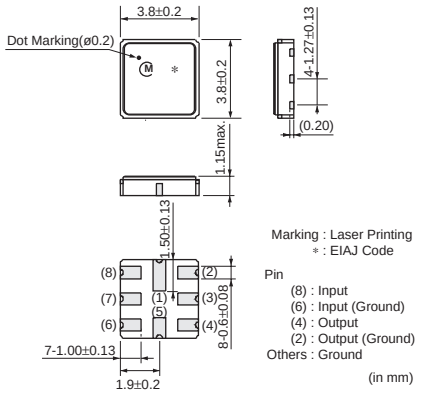
for IF

SAW Filters

● AMPS/ADC

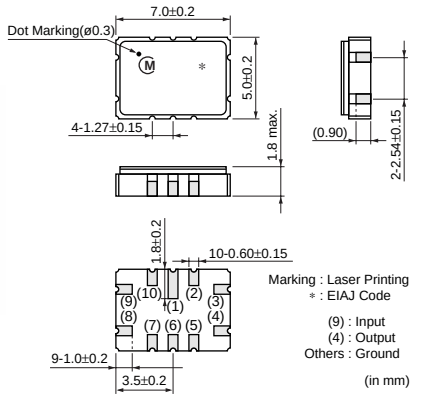


SAFCG130MCA0T00



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)

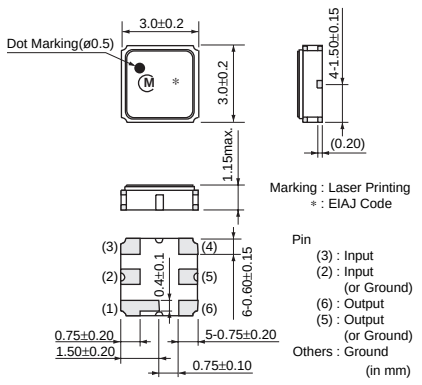
● DECT



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

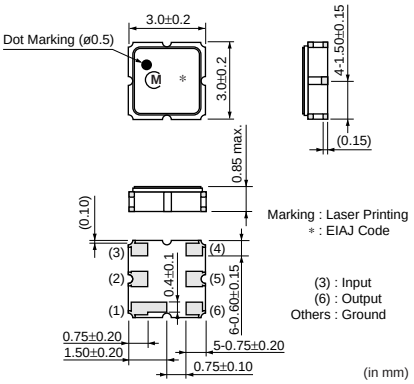
SAFCC110MCA1T00



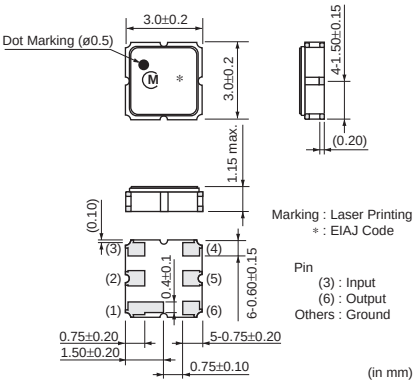
Part Number	Center Frequency (MHz)	3dB Bandwidth (MHz)	Insertion Loss (dB)	Ripple (dB max.)	Input/Output Impedance
SAFCC110MCA1T00	110.0	±1.023 min.	3.7 max. (at min. loss point)	0.6	480ohm//-1.6μH (Input) 650ohm//-1.6μH (Output)

● PHS

SAFDA243MRD9X00

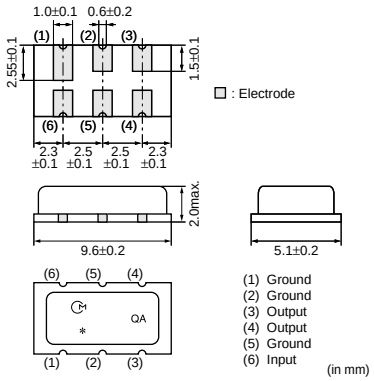


SAFCC243MRB9X00



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

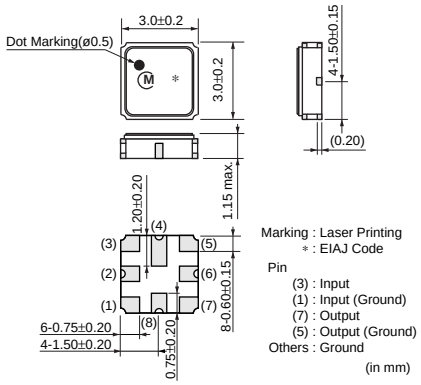
● Wireless LAN



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

● 5G W-LAN

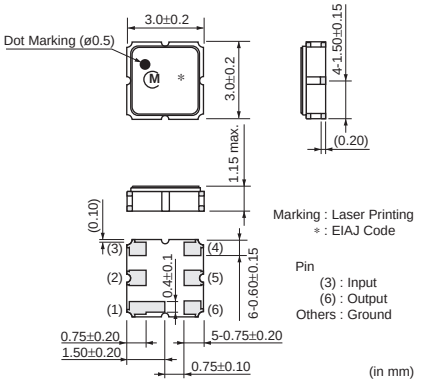
SAFCD450MCL0N00



Part Number	Center Frequency (MHz)	3dB Bandwidth (MHz)	Insertion Loss (dB)	Ripple (dB max.)	Input/Output Impedance
SAFCD450MCL0N00	450	±8.2 min.	4.5 max. (at min. loss point)	1.5 (fo±8.2MHz)	200ohm//150nH (Input) 200ohm//150nH (Output)
SAFCD570MCL0N00	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

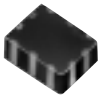
BGS Filters



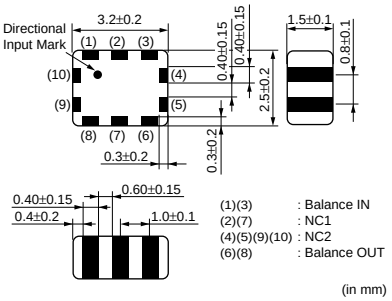
Part Number	Nominal Center Frequency(fn) (MHz)	3dB Bandwidth (MHz)
MKFCC40M0CC0P00R05	40.00	fn±1.75 min.

for IF

Chip LC Filters (Balance-balance Type)



LFB32_SH Series



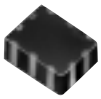
∗Terminal of "NC1" should be fixed to the no connected pattern.
Terminal of "NC2" should not be fixed to any pattern.

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

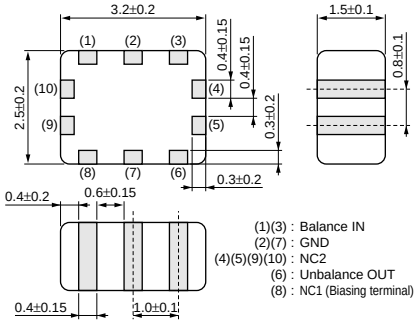
Part Number	Nominal Center Frequency (fo) (MHz)	Bandwidth (BW) (MHz)	Insertion Loss in BW (dB)	Input Balance Impedance (Differential) (Nom.) (ohm)	Output Balance Impedance (Differential) (Nom.) (ohm)
LFB32130MSH3A569	130.38	fo±0.7	5 max. (at 25°C)	1000	250
LFB32166MSH2A570	166.85	fo±0.65	5 max. (at 25°C)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

(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)
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