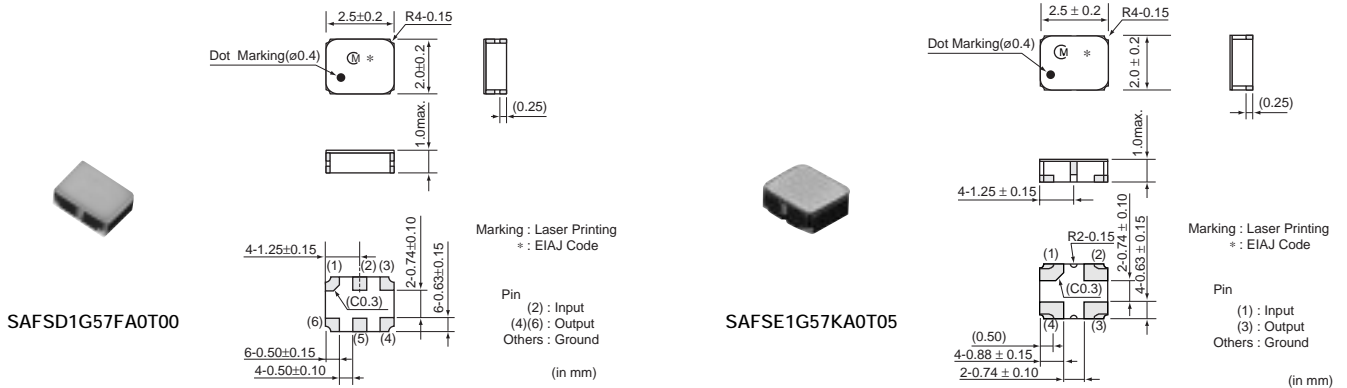


for RF/Local

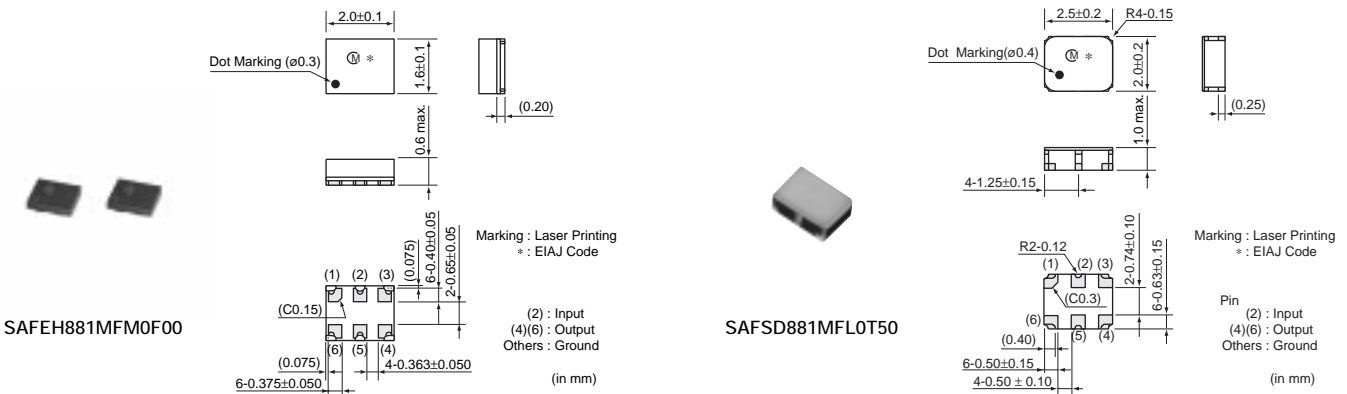
SAW Filters

● GPS



Part Number	Center Frequency (MHz)	Insertion Loss (dB)	Ripple (dB max.)	VSWR	Input Impedance	Output Impedance
SAFSE1G57KC0T00	1575.5	2.5 max. (1574MHz-1577MHz)	0.7 (1574MHz-1577MHz)	1.6max (1574MHz-1577MHz)	50ohm	50ohm
SAFSD1G57FA0T00	1575.5	1.6 max. (1574MHz-1577MHz)	0.5 (1574MHz-1577MHz)	1.6max. (1574MHz-1577MHz)	50ohm	100ohm
SAFSE1G57KA0T05	1575.5	1.6 max. (1574MHz-1577MHz)	0.7 (1574MHz-1577MHz)	1.6max. (1574MHz-1577MHz)	50ohm	50ohm
SAFSE1G57KA0T09	1575.42	2.0 max. (1574.42MHz-1576.42MHz)	1.5 (1574.42MHz-1576.42MHz)	1.8max. (1574.42MHz-1576.42MHz)	50ohm	50ohm

● GSM850

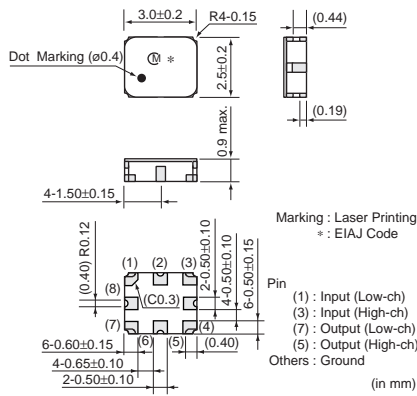


Part Number	Center Frequency (MHz)	Insertion Loss (dB)	Ripple (dB max.)	VSWR	Input Impedance	Output Impedance
SAFEH881MFM0F00	881.5	2.4 max. (869MHz-894MHz)	1.5 (869MHz-894MHz)	1.9max. (869MHz-894MHz)	50ohm	150ohm//82nH
SAFSD881MFL0T50	881.5	3.0 max. (869MHz-894MHz)	1.4 (869MHz-894MHz)	2.0max. (869MHz-894MHz)	50ohm	200ohm//82nH

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● GSM850/GSM1900 Dual Band

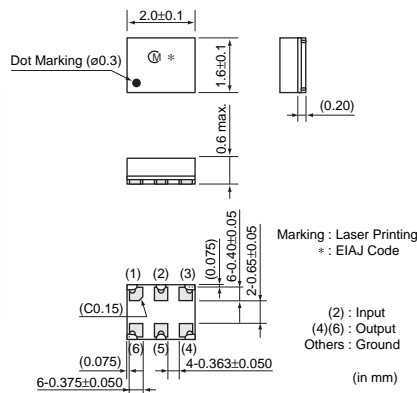
SAWSP881MGA0T00



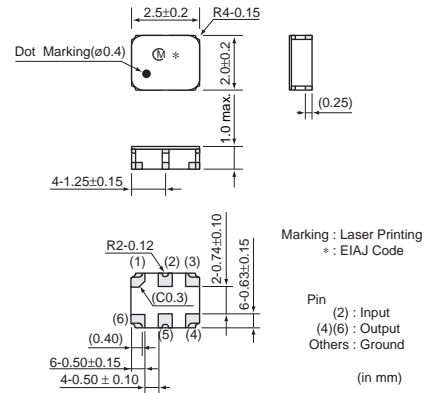
Part Number	Center Frequency (MHz)	Insertion Loss (dB)	Ripple (dB max.)	VSWR	Input Impedance	Output Impedance
SAWSP881MGA0T00(881.5)	881.5	2.9 max. (869MHz-894MHz)	1.5 (869MHz-894MHz)	2.0max. (869MHz-894MHz)	50ohm	50ohm
SAWSP881MGA0T00(1960)	1960	3.2 max. (1930MHz-1990MHz)	2.0 (1930MHz-1990MHz)	2.4max. (1930MHz-1990MHz)	50ohm	50ohm
SAWSU881MCQ0T01(881.5)	881.5	3.0 max. (869MHz-894MHz)	1.8 (869MHz-894MHz)	2.0max. (869MHz-894MHz)	50ohm	200ohm//56nH
SAWSU881MCQ0T01(1960)	1960	3.0 max. (1930MHz-1990MHz)	2.4 (1930MHz-1990MHz)	2.2max. (1930MHz-1990MHz)	50ohm	200ohm//15nH

● GSM900

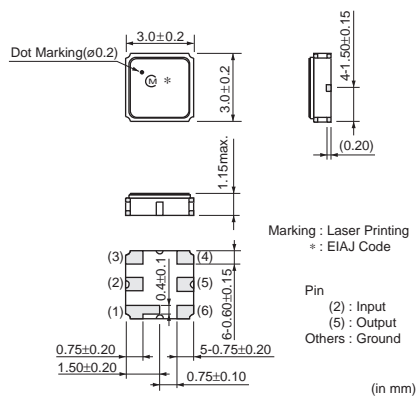
SAFEH942MFN0F00



SAFSD942MCL0T00



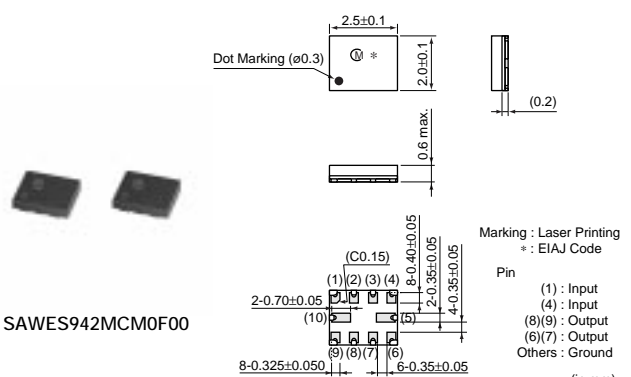
SAFCC942MAM0T00



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Part Number	Center Frequency (MHz)	Insertion Loss (dB)	Ripple (dB max.)	VSWR	Input Impedance	Output Impedance
SAFEH942MFN0F00	942.5	2.7 max. (925MHz-960MHz)	1.8 (925MHz-960MHz)	2.0max. (925MHz-960MHz)	50ohm	150ohm//82nH
SAFSD942MFM0T00	942.5	3.2 max. (925MHz-960MHz)	2.2 (925MHz-960MHz)	2.3max. (925MHz-960MHz)	50ohm	200ohm//82nH
SAFSD942MCL0T00	942.5	3.3 max. (925MHz-960MHz)	1.8 (925MHz-960MHz)	2.0max. (925MHz-960MHz)	50ohm	50ohm
SAFCC942MAM0T00	942.5	4.2 max. (925MHz-960MHz)	2.5 (925MHz-960MHz)	2.4max. (925MHz-960MHz)	50ohm	50ohm
SAFCC897MKA0T00	897.5	3.2 max. (880MHz-915MHz)	1.8 (880MHz-915MHz)	2.2max. (880MHz-915MHz)	50ohm	50ohm
SAFSE942MAL0T05	942.5	3.2 max. (925MHz-960MHz)	2.0 (925MHz-960MHz)	2.2max. (925MHz-960MHz)	50ohm	50ohm

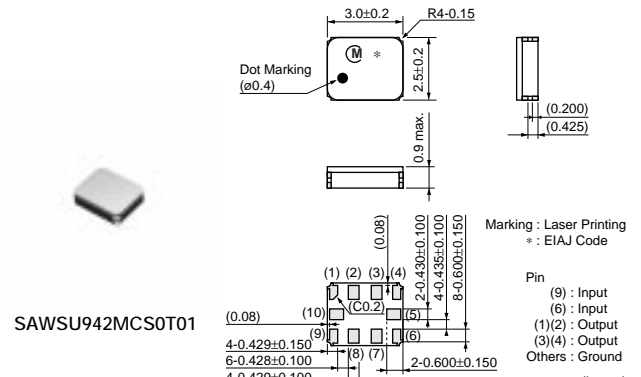
● GSM900/GSM1800 Dual Band



SAWES942MCM0F00

Marking : Laser Printing
* : EIAJ Code

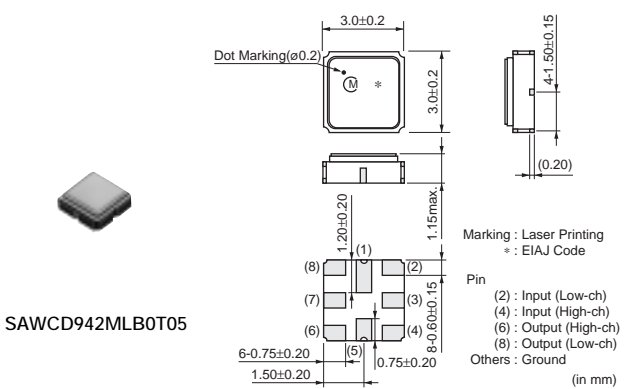
Pin
(1) : Input
(4) : Input
(8)(9) : Output
(6)(7) : Output
Others : Ground
(in mm)



SAWSU942MCS0T01

Marking : Laser Printing
* : EIAJ Code

Pin
(9) : Input
(6) : Input
(1)(2) : Output
(3)(4) : Output
Others : Ground
(in mm)



SAWCD942MLB0T05

Marking : Laser Printing
* : EIAJ Code

Pin
(2) : Input (Low-ch)
(4) : Input (High-ch)
(6) : Output (High-ch)
(8) : Output (Low-ch)
Others : Ground
(in mm)

Part Number	Center Frequency (MHz)	Insertion Loss (dB)	Ripple (dB max.)	VSWR	Input Impedance	Output Impedance
SAWES942MCM0F00(942.5)	942.5	2.8 max. (925MHz-960MHz)	1.5 (925MHz-960MHz)	2.0max. (925MHz-960MHz)	50ohm	150ohm//56nH
SAWES942MCM0F00(1842.5)	1842.5	3.0 max. (1805MHz-1880MHz)	1.8 (1805MHz-1880MHz)	2.2max. (1805MHz-1880MHz)	50ohm	150ohm//18nH
SAWSP942MLD0T00(942.5)	942.5	3.0 max. (925MHz-960MHz)	2.0 (925MHz-960MHz)	2.5max. (925MHz-960MHz)	50ohm	50ohm
SAWSP942MLD0T00(1842.5)	1842.5	3.2 max. (1805MHz-1880MHz)	2.0 (1805MHz-1880MHz)	2.5max. (1805MHz-1880MHz)	50ohm	50ohm
SAWSU942MCS0T01(942.5)	942.5	3.2 max. (925MHz-960MHz)	2.2 (925MHz-960MHz)	2.4max. (925MHz-960MHz)	50ohm	200ohm//47nH
SAWSU942MCS0T01(1842.5)	1842.5	3.2 max. (1805MHz-1880MHz)	2.2 (1805MHz-1880MHz)	2.5max. (1805MHz-1880MHz)	50ohm	200ohm//16nH

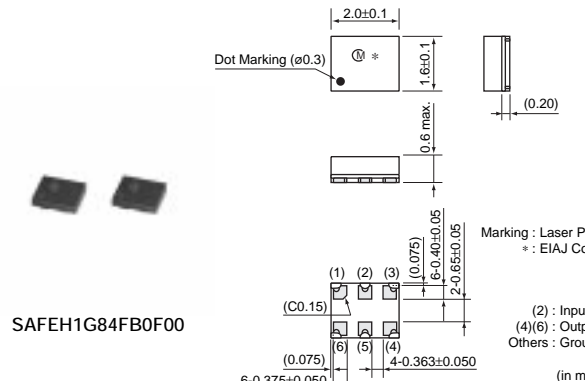
Continued on the following page.

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Continued from the preceding page.

Part Number	Center Frequency (MHz)	Insertion Loss (dB)	Ripple (dB max.)	VSWR	Input Impedance	Output Impedance
SAWCD942MLB0T05(942.5)	942.5	3.0 max. (925MHz-960MHz)	2.5 (925MHz-960MHz)	2.5max. (925MHz-960MHz)	50ohm	50ohm
SAWCD942MLB0T05(1842.5)	1842.5	3.2 max. (1805MHz-1880MHz)	2.2 (1805MHz-1880MHz)	2.5max. (1805MHz-1880MHz)	50ohm	50ohm

● GSM1800



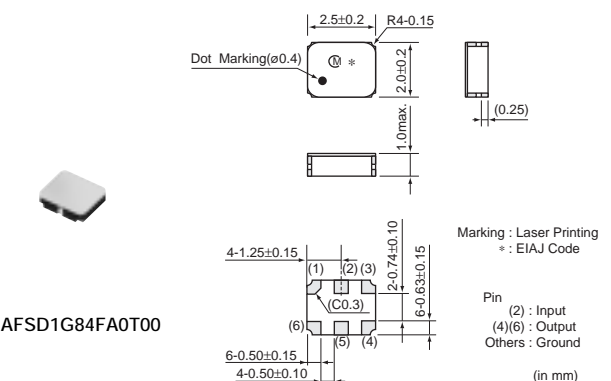
SAFEH1G84FB0F00

Dot Marking (ø0.3)

Marking : Laser Printing
* : EIAJ Code

Pin (2) : Input
(4)(6) : Output
Others : Ground

(in mm)



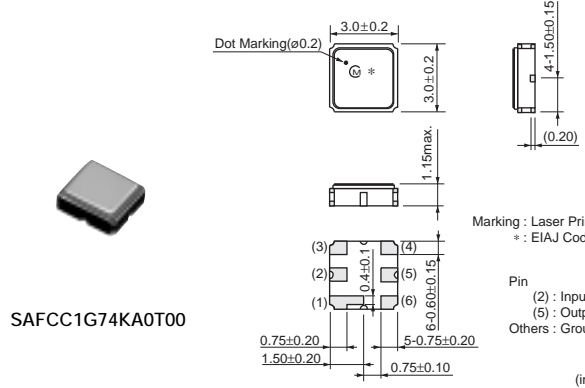
SAFSD1G84FA0T00

Dot Marking(ø0.4)

Marking : Laser Printing
* : EIAJ Code

Pin (2) : Input
(4)(6) : Output
Others : Ground

(in mm)



SAFCC1G74KA0T00

Dot Marking(ø0.2)

Marking : Laser Printing
* : EIAJ Code

Pin (2) : Input
(5) : Output
Others : Ground

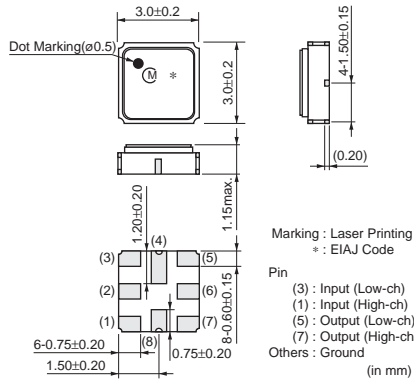
(in mm)

Part Number	Center Frequency (MHz)	Insertion Loss (dB)	Ripple (dB max.)	VSWR	Input Impedance	Output Impedance
SAFEH1G84FB0F00	1842.5	2.5 max. (1805-1880MHz)	1.5 (1805MHz-1880MHz)	2.2max. (1805MHz-1880MHz)	50ohm	150ohm//18nH
SAFSE1G84KA0T00	1842.5	3.2 max. (1805-1880MHz)	2.2 (1805MHz-1880MHz)	2.8max. (1805MHz-1880MHz)	50ohm	50ohm
SAFSD1G84FA0T00	1842.5	3.0 max. (1805-1880MHz)	2.0 (1805MHz-1880MHz)	2.7max. (1805MHz-1880MHz)	50ohm	200ohm//27nH
SAFSD1G84CB0T00	1842.5	3.8 max. (1805-1880MHz)	2.0 (1805MHz-1880MHz)	2.7max. (1805MHz-1880MHz)	50ohm	50ohm
SAFCC1G84KA0T00	1842.5	4.2 max. (1805-1880MHz)	2.8 (1805MHz-1880MHz)	2.8max. (1805MHz-1880MHz)	50ohm	50ohm
SAFCC1G74KA0T00	1747.5	4.2 max. (1710MHz-1785MHz)	2.6 (1710MHz-1785MHz)	2.5max. (1710MHz-1785MHz)	50ohm	50ohm

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● GSM1800/GSM1900

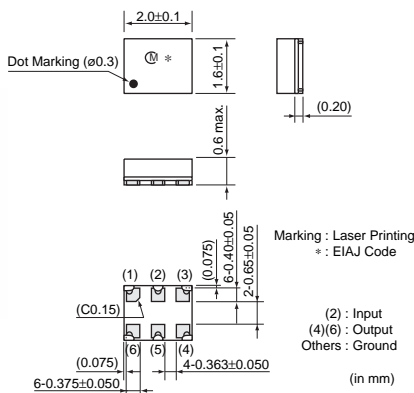
SAWCD1G84LA0T00



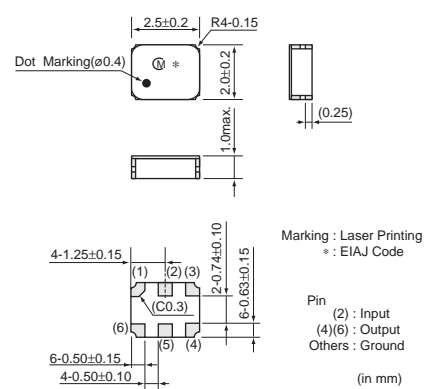
Part Number	Center Frequency (MHz)	Insertion Loss (dB)	Ripple (dB max.)	VSWR	Input Impedance	Output Impedance
SAWCD1G84LA0T00(1960)	1960	3.5 max. (1930MHz-1990MHz)	2.3 (1930MHz-1990MHz)	2.4max. (1930MHz-1990MHz)	50ohm	50ohm
SAWCD1G84LA0T00(1842.5)	1842.5	4.0 max. (1805MHz-1880MHz)	2.5 (1805MHz-1880MHz)	2.5max. (1805MHz-1880MHz)	50ohm	50ohm

● GSM1900

SAFEH1G96FB0F00



SAFSD1G96FB0T00



Part Number	Center Frequency (MHz)	Insertion Loss (dB)	Ripple (dB max.)	VSWR	Input Impedance	Output Impedance
SAFEH1G96FB0F00	1960	2.6 max. (1930-1990MHz)	1.8 (1930MHz-1990MHz)	2.2max. (1930MHz-1990MHz)	50ohm	150ohm//22nH
SAFSE1G96KD0T00	1960	3.0 max. (1930-1990MHz)	2.0 (1930MHz-1990MHz)	2.5max. (1930MHz-1990MHz)	50ohm	50ohm
SAFSD1G96FB0T00	1960	3.0 max. (1930-1990MHz)	2.4 (1930MHz-1990MHz)	2.4max. (1930MHz-1990MHz)	50ohm	200ohm//22nH

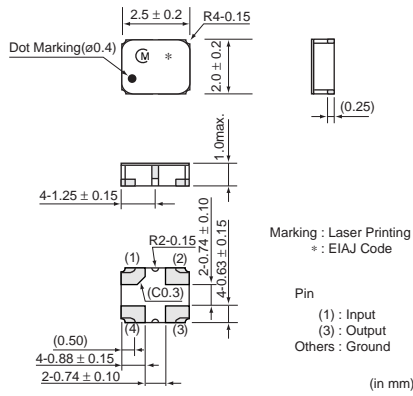
7 Filters for Communication Equipment

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● J-CDMA



SAFSE851MKB0T00

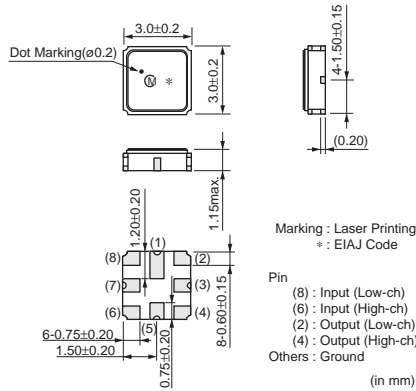


Part Number	Center Frequency (MHz)	Insertion Loss (dB)	Ripple (dB max.)	VSWR	Input Impedance	Output Impedance
SAFSE906MAM0T00	906	4.0 max. (887MHz-925MHz)	2.5 (887MHz-925MHz)	2.4max. (887MHz-925MHz)	50ohm	50ohm
SAFSE851MKB0T00	851	3.4 max. (832MHz-870MHz)	2.5 (832MHz-870MHz)	2.2max. (832MHz-870MHz)	50ohm	50ohm
SAFSD906MCL0T00	906	4.2 max. (887MHz-925MHz)	2.5 (887MHz-925MHz)	2.8max. (887MHz-925MHz)	50ohm	50ohm
SAFSD851MXA0T00	851	2.6 max. (832MHz-870MHz)	1.9 (832MHz-870MHz)	2.7max. (832MHz-870MHz)	50ohm	100ohm

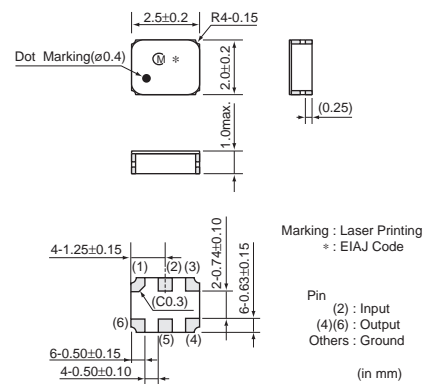
● PCS (CDMA)



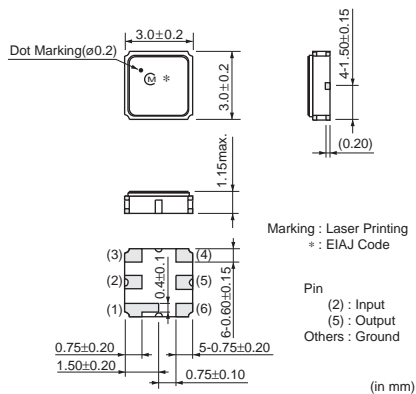
SAWCD1G86LA0T00



SAFSD1G96FL0T00



SAFCC1G88KA0T00



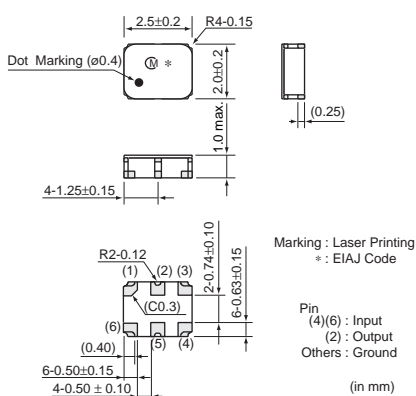
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Part Number	Center Frequency (MHz)	Insertion Loss (dB)	Ripple (dB max.)	VSWR	Input Impedance	Output Impedance
SAWCD1G86LA0T00(1897.5)	1897.5	3.2 max. (1885MHz-1910MHz)	2.0 (1885MHz-1910MHz)	2.0max. (1885MHz-1910MHz)	50ohm	50ohm
SAWCD1G86LA0T00(1867.5)	1867.5	3.2 max. (1850MHz-1885MHz)	2.0 (1850MHz-1885MHz)	2.0max. (1850MHz-1885MHz)	50ohm	50ohm
SAFSE1G88KC0T00	1880	5.0 max. (1850MHz-1910MHz)	3.5 (1850MHz-1910MHz)	2.2max. (1850MHz-1910MHz)	50ohm	50ohm
SAFSD1G96FL0T00	1960	4.0 max. (1930MHz-1990MHz)	2.0 (1930MHz-1990MHz)	2.1max. (1930MHz-1990MHz)	50ohm	100ohm
SAFCC1G96KA0T00	1960	4.5 max. (1930MHz-1990MHz)	3.0 (1930MHz-1990MHz)	2.5max. (1930MHz-1990MHz)	50ohm	50ohm
SAFCC1G88KA0T00	1880	4.5 max. (1850MHz-1910MHz)	3.0 (1850MHz-1910MHz)	2.5max. (1850MHz-1910MHz)	50ohm	50ohm

● W-CDMA



SAFSD1G95FA0T00



Part Number	Center Frequency (MHz)	Insertion Loss (dB)	Ripple (dB max.)	VSWR	Input Impedance	Output Impedance
SAFZD2G14FC0F00	2140	2.7 max. (2110-2170MHz)	1.3 (2110MHz-2170MHz)	2.3max. (2110MHz-2170MHz)	50ohm	100ohm
SAFSE1G95KD0F00	1950	3.2 max. (1920-1980MHz)	1.5 (1920MHz-1980MHz)	2.6max. (1920MHz-1980MHz)	50ohm	50ohm
SAFSE2G14KB0T00	2140	2.7 max. (2110-2170MHz)	1.3 (2110MHz-2170MHz)	2.0max. (2110MHz-2170MHz)	50ohm	50ohm
SAFSE1G95KC0T00	1950	3.0 max. (1920-1980MHz)	1.5 (1920MHz-1980MHz)	2.0max. (1920MHz-1980MHz)	50ohm	50ohm
SAFSD2G14FA0T00	2140	2.7 max. (2110MHz-2170MHz)	1.5 (2110MHz-2170MHz)	2.2max (2110MHz-2170MHz)	50ohm	200ohm//22nH
SAFSD1G95FA0T00	1950	3.2 max. (1920-1980MHz)	1.6 (1920MHz-1980MHz)	2.1max. (1920MHz-1980MHz)	200ohm//22nH	50ohm

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