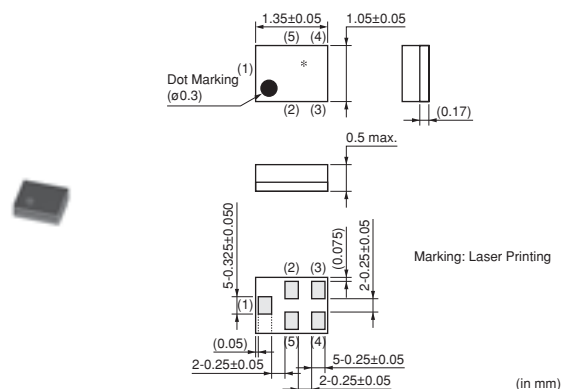


SAW Filters for Mobile Communications

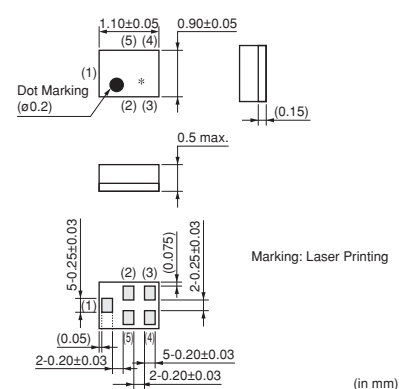


RF Filters

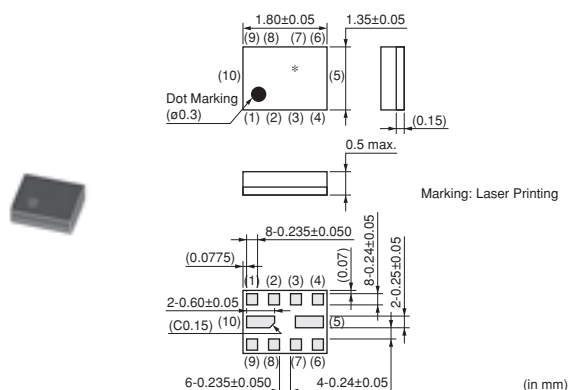
●SAFEA Series



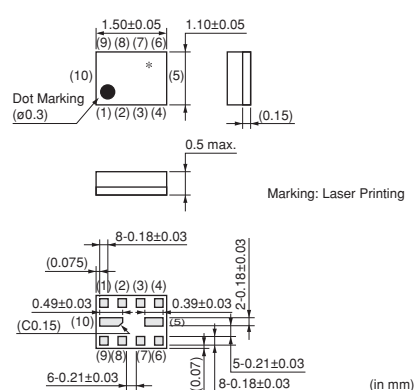
●SAFFB Series



●SAWEN Series



●SAWFD Series



Part Number	Application	Size (mm)	Layout	Center Freq. (MHz)	I.L. (dB max.)	In Band Ripple (dB max.)	Impedance
SAFEA2G14FF0F00	Band1	1.35 x 1.05	Balanced	2140	3.0 (2110 to 2170MHz)	2.0 (2110 to 2170MHz)	50-100ohm
SAFFB2G14FA0F0A	Band1	1.1 x 0.9	Balanced	2140	2.5 (2110 to 2170MHz)	2.0 (2110 to 2170MHz)	50-100ohm
SAFEA1G96FR0F00	Band2 BC1	1.35 x 1.05	Balanced	1960	4.2 (1930 to 1990MHz) 4.0 (1930.48 to 1989.52MHz)	2.5 (1930 to 1990MHz)	50-100ohm
SAFFB1G96FN0F0A	Band2 BC1	1.1 x 0.9	Balanced	1960	4.0 (1930.48 to 1989.52MHz)	2.5 (1930.48 to 1989.52MHz)	50-100ohm
SAFEA881MFR0F00	Band5 BC0	1.35 x 1.05	Balanced	881.5	2.5 (869 to 894MHz)	1.0 (869 to 894MHz)	50-100ohm
SAFFB881MFL0F0A	Band5 BC0	1.1 x 0.9	Balanced	881.5	1.8 (869 to 894MHz)	1.0 (869 to 894MHz)	50-150ohm
SAFEA942MFR0F00	Band8	1.35 x 1.05	Balanced	942.5	4.5 (925 to 960MHz) 4.2 (925.48 to 959.52MHz)	3.0 (925 to 960MHz)	50-100ohm
SAFFB942MFM0F0A	Band8	1.1 x 0.9	Balanced	942.5	4.5 (925 to 960MHz) 4.2 (925.48 to 959.52MHz)	3.5 (925 to 960MHz)	50-100ohm
SAFEA1G58KA0F00	GPS/GLONASS	1.35 x 1.05	Unbalanced	1575.42/1602	1.8 (1565.42 to 1585.42MHz) 1.3 (1574.42 to 1576.42MHz) 1.7 (1597.55 to 1605.89MHz)	1.5 (1565.42 to 1605.89MHz)	50-50ohm
SAFEA1G58FB0F00	GPS/GLONASS	1.35 x 1.05	Balanced	1575.42/1602	1.8 (1565.42 to 1585.42MHz) 1.3 (1565.42 to 1585.42MHz) 2.2 (1597.55 to 1605.89MHz)	1.3 (1565.42 to 1585.42MHz) 1.3 (1597.55 to 1605.89MHz)	50-100ohm
SAFFB1G58KA0F0A	GPS/GLONASS	1.1 x 0.9	Unbalanced	1575.42/1602	1.3 (1574.42 to 1576.42MHz) 1.7 (1597.55 to 1605.89MHz)	1.5 (1574.42 to 1605.89MHz)	50-50ohm

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Part Number	Application	Size (mm)	Layout	Center Freq. (MHz)	I.L. (dB max.)	In Band Ripple (dB max.)	Impedance
SAFFB1G58FA0F0A	GPS/GLONASS	1.1 x 0.9	Balanced	1575.42/1602	1.35 (1574.42 to 1576.42MHz) 1.9 (1597.55 to 1605.89MHz) 3.0 (1597.55 to 1605.89MHz)	1.3 (1574.42 to 1576.42MHz) 1.3 (1597.55 to 1605.89MHz) 2.2 (1565.42 to 1585.42MHz)	50-100ohm
SAFEA2G45RA0F00	ISM2.4	1.35 x 1.05	Unbalanced	2450	2.6 (2400 to 2500MHz)	1.8 (2400 to 2500MHz)	50-50ohm
SAWFD881MCM0F0A	GSM	1.5 x 1.1	Balanced LR	881.5	2.0 (869 to 894MHz)	1.1 (869 to 894MHz)	50-150ohm
				942.5	2.4 (925 to 960MHz)	1.5 (925 to 960MHz)	50-150ohm
SAWFD881MCN0F0A	GSM	1.5 x 1.1	Balanced RR	881.5	2.0 (869 to 894MHz)	1.1 (869 to 894MHz)	50-150ohm
				942.5	2.4 (925 to 960MHz)	1.5 (925 to 960MHz)	50-150ohm
SAWFD1G84CM0F0A	GSM	1.5 x 1.1	Balanced LR	1842.5	2.3 (1805 to 1880MHz)	1.8 (1805 to 1880MHz)	50-150ohm
				1960	2.2 (1930 to 1990MHz)	1.5 (1930 to 1990MHz)	50-150ohm
SAWFD1G84CN0F0A	GSM	1.5 x 1.1	Balanced RR	1842.5	2.3 (1805 to 1880MHz)	1.8 (1805 to 1880MHz)	50-150ohm
				1960	2.2 (1930 to 1990MHz)	1.8 (1930 to 1990MHz)	50-150ohm
SAWFD942MCM0F0A	GSM	1.5 x 1.1	Balanced LR	942.5	2.1 (925 to 960MHz)	1.5 (925 to 960MHz)	50-150ohm
				1842.5	2.2 (1805 to 1880MHz)	1.5 (1805 to 1880MHz)	50-150ohm
SAWFD942MCN0F0A	GSM	1.5 x 1.1	Balanced RR	942.5	2.1 (925 to 960MHz)	1.5 (925 to 960MHz)	50-150ohm
				1842.5	2.2 (1805 to 1880MHz)	1.5 (1805 to 1880MHz)	50-150ohm
SAWEN881MCM0F00	GSM	1.8 x 1.4	Balanced LR	881.5	2.0 (869 to 894MHz)	1.1 (869 to 894MHz)	50-150ohm
				942.5	2.4 (925 to 960MHz)	1.5 (925 to 960MHz)	50-150ohm
SAWEN881MCN0F00	GSM	1.8 x 1.4	Balanced RR	881.5	2.0 (869 to 894MHz)	1.1 (869 to 894MHz)	50-150ohm
				942.5	2.4 (925 to 960MHz)	1.5 (925 to 960MHz)	50-150ohm
SAWEN1G84CM0F00	GSM	1.8 x 1.4	Balanced LR	1842.5	2.5 (1805 to 1880MHz)	1.8 (1805 to 1880MHz)	50-150ohm
				1960	2.6 (1930 to 1990MHz)	1.8 (1930 to 1990MHz)	50-150ohm
SAWEN1G84CN0F00	GSM	1.8 x 1.4	Balanced RR	1842.5	2.5 (1805 to 1880MHz)	1.8 (1805 to 1880MHz)	50-150ohm
				1960	2.6 (1930 to 1990MHz)	1.8 (1930 to 1990MHz)	50-150ohm
SAWEN881MCM2F00	GSM	1.8 x 1.4	Balanced LR	881.5	2.0 (869 to 894MHz)	1.1 (869 to 894MHz)	50-150ohm
				942.5	2.6 (925 to 960MHz)	1.8 (925 to 960MHz)	50-150ohm
SAWEN881MCN2F00	GSM	1.8 x 1.4	Balanced RR	881.5	2.0 (869 to 894MHz)	1.1 (869 to 894MHz)	50-150ohm
				942.5	2.6 (925 to 960MHz)	1.8 (925 to 960MHz)	50-150ohm
SAWEN942MCM0F00	GSM	1.8 x 1.4	Balanced LR	942.5	2.3 (925 to 960MHz)	1.5 (925 to 960MHz)	50-150ohm
				1842.5	2.5 (1805 to 1880MHz)	1.5 (1805 to 1880MHz)	50-150ohm
SAWEN942MCN0F00	GSM	1.8 x 1.4	Balanced RR	942.5	2.3 (925 to 960MHz)	1.5 (925 to 960MHz)	50-150ohm
				1842.5	2.5 (1805 to 1880MHz)	1.5 (1805 to 1880MHz)	50-150ohm

Mouser Electronics

Authorized Distributor

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Murata:

SAFCH325MAL0N00R11	SAFEK1G84FA0T00R12	SAFCH931MAL0T00R11	SAFCC942MCM0T00R00
SAFCC942MFN0T00R00	SAFCE830MAA0N00R12	SAFCE902MAM0T00R12	SAFCC130MRB1X00R11
SAFCE836MAL0N00R00	SAFCH860MAL0N00R10	SAFCH915MAL0N00R11	SAFCH146MAL0N00R04
SAFCH154MAL0N00R11	SAFUW110MCA1T05R02	SAFCC836MKA0T00R00	SAFSG881MAL0T00R00
SAFCH315MAM0T00R11	SAFCH815MAL0N0R11	SAWCD1G86LA0T00R00	SAFCE1G85AA0T00R11
SAFC915MA70N-TC04	SAWCD942MLB0T05R05	SAFCE836MAM0T00R12	SAFCE836MAM0T00R00
SAFCC851MKB0T00R12	SAFCH434MAM0T00R11	SAFCH434MAM0T00R04	SAFCH280MAL0N00R04
SAFCH280MAL0N00R11	SAFCE903MAA0T00R12	SAFSD1G96FL0T00R00	SAFCH886MAL0T00R11
SAFCC1G96KA0T00R00	SAFCC183MCA1T00	SAFEB836MAL0F0R14	SAFEB836MAL0F00R14
SAFSE1G57KA0T09R05	SAFCH953MAA0X00R11	SAFCE881MAM0T00R12	SAFCE881MAM0T00R00
SAFSD881MFM0T00R00	SAFCH860MAL0N00R11	SAFCC1G74KA0T00R00	SAFCG130MCA0T00R05
SAFUW110MCA0T00R02	SAFUW110MCA0T00R11	SAFCH914MAL0T00R11	SAFCE947MAM0T00
SAFEK1G84FA0F00R12	SAFCE1G76AA0T00R0S	SAFCE1G76AA0T00R11	SAFCH864MAM0T00R11
SAFCH139MAL0N00R04	SAFCC942MAA0T00R05	SAFEK1G96FA0T00R12	SAFCH930MAL0T00R11
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SAFCC1G88KA0T00R00	SAFCE947MAM0T00R12	SAFCT85M3JB0X05R04	SAFCT85M3JC0X05R04
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SAFEB2G14AL0F00R14	SAFEB1G57FM0F00R14	SAFEB1G90FA0F00R14	SAFSE1G57KA0T90R12
SAFEA2G34FB0F00R14	SAFEA2G44AA0F00R14	SAFEA2G56FA0F00R14	SAFEB915MAL0F00R12
SAFEB915MAL0F00R11	SAFEB836MFL0F00R14	SAFEB881MAL0F00R14	SAFSD942MFM0T00R00
SAFSE1G84KA0T00R00	SAFCD450MCL0N00R12	SAFEB1G57FA0F00R14	SAFEB1G57FA0F55R14
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