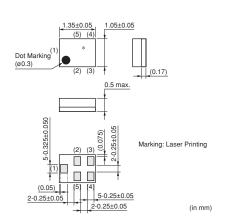
SAW Filters for Mobile Communications

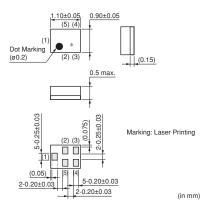


RF Filters

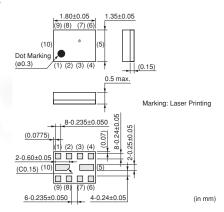
SAFEA Series



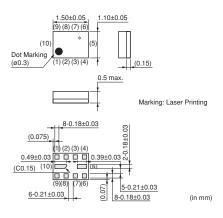
SAFFB Series



SAWEN Series



SAWFD Series



Part Number	Application	Size (mm)	Layout	Center Freq.	I.L. (dB max.)	In Band Ripple (dB max.)	Impedance
		(11111)		(1411 12)	(ub max.)	(ub max.)	
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



Continued from the preceding page.

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

