## SAW Filters for Mobile Communications

## RF Filters

## -SAFEA Series



## -SAFFB Series



## -SAWEN Series



## -SAWFD Series


(in mm)

| Part Number | Application | Size <br> $(\mathrm{mm})$ | Layout | Center Freq. <br> $(\mathrm{MHz})$ | I.L. <br> (dB max.) | In Band Ripple <br> (dB max.) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SAFEA2G14FF0F00 | Band1 | $1.35 \times 1.05$ | Balanced | 2140 | $3.0(2110$ to 2170 MHz$)$ | $2.0(2110$ to 2170 MHz$)$ | Impedance |

$\searrow$ Continued from the preceding page.

| Part Number | Application | Size <br> (mm) | Layout | Center Freq. (MHz) | I.L. (dB max.) | In Band Ripple (dB max.) | Impedance |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SAFFB1G58FA0F0A | GPS/GLONASS | $1.1 \times 0.9$ | Balanced | 1575.42/1602 | $\begin{array}{\|l\|} \hline 1.35(1574.42 \text { to } 1576.42 \mathrm{MHz}) \\ 1.9(1597.55 \text { to } 1605.89 \mathrm{MHz}) \\ 3.0(1597.55 \text { to } 1605.89 \mathrm{MHz}) \\ \hline \end{array}$ | $\begin{array}{\|l\|} \hline 1.3(1574.42 \text { to } 1576.42 \mathrm{MHz}) \\ 1.3(1597.55 \text { to } 1605.89 \mathrm{MHz}) \\ 2.2(1565.42 \text { to } 1585.42 \mathrm{MHz}) \\ \hline \end{array}$ | 50-100ohm |
| SAFEA2G45RA0F00 | ISM2.4 | $1.35 \times 1.05$ | Unbalanced | 2450 | 2.6 (2400 to 2500 MHz ) | 1.8 (2400 to 2500 MHz ) | 50-50ohm |
| SAWFD881MCM0F0A | GSM | $1.5 \times 1.1$ | 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 | $1.5 \times 1.1$ | 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 | $1.5 \times 1.1$ | 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 | $1.5 \times 1.1$ | Balanced RR | 1842.5 | 2.3 (1805 to 1880MHz) | 1.8 (1805 to 1880 MHz ) | 50-150ohm |
|  |  |  |  | 1960 | 2.2 (1930 to 1990MHz) | 1.8 (1930 to 1990MHz) | 50-150ohm |
| SAWFD942MCM0F0A | GSM | $1.5 \times 1.1$ | 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 1880 MHz ) | 50-150ohm |
| SAWFD942MCN0F0A | GSM | $1.5 \times 1.1$ | 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 1880 MHz ) | 50-150ohm |
| SAWEN881MCM0F00 | GSM | $1.8 \times 1.4$ | 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 | $1.8 \times 1.4$ | 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 | $1.8 \times 1.4$ | Balanced LR | 1842.5 | 2.5 (1805 to 1880 MHz ) | 1.8 (1805 to 1880MHz) | 50-150ohm |
|  |  |  |  | 1960 | 2.6 (1930 to 1990MHz) | 1.8 (1930 to 1990MHz) | 50-150ohm |
| SAWEN1G84CN0F00 | GSM | $1.8 \times 1.4$ | 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 | $1.8 \times 1.4$ | 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 | $1.8 \times 1.4$ | 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 | $1.8 \times 1.4$ | Balanced LR | 942.5 | 2.3 (925 to 960MHz) | 1.5 (925 to 960MHz) | 50-150ohm |
|  |  |  |  | 1842.5 | 2.5 (1805 to 1880 MHz ) | 1.5 (1805 to 1880 MHz ) | 50-150ohm |
| SAWEN942MCN0F00 | GSM | $1.8 \times 1.4$ | Balanced RR | 942.5 | 2.3 (925 to 960MHz) | 1.5 (925 to 960MHz) | 50-150ohm |
|  |  |  |  | 1842.5 | 2.5 (1805 to 1880 MHz ) | 1.5 (1805 to 1880 MHz ) | 50-150ohm |

