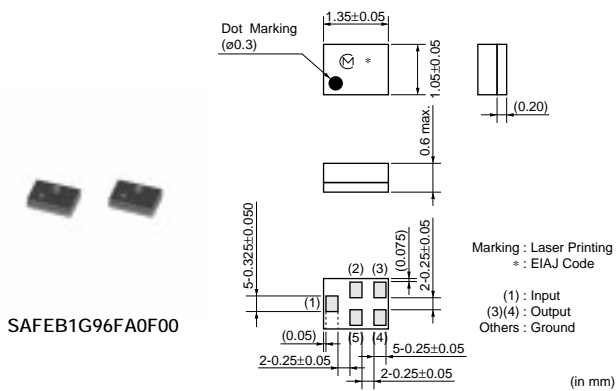
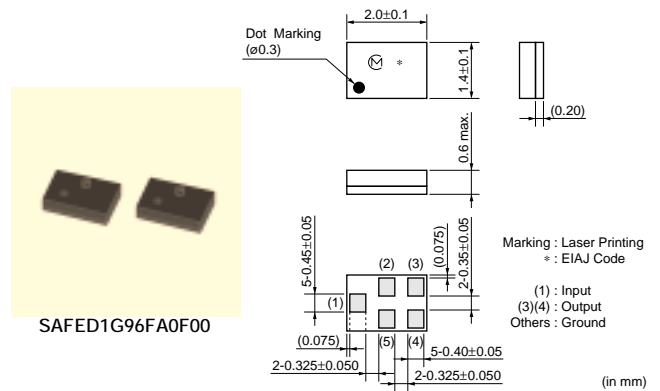


● GSM1900



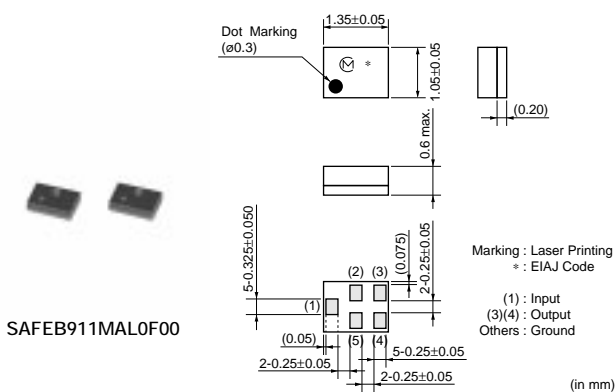
SAFEB1G96FA0F00



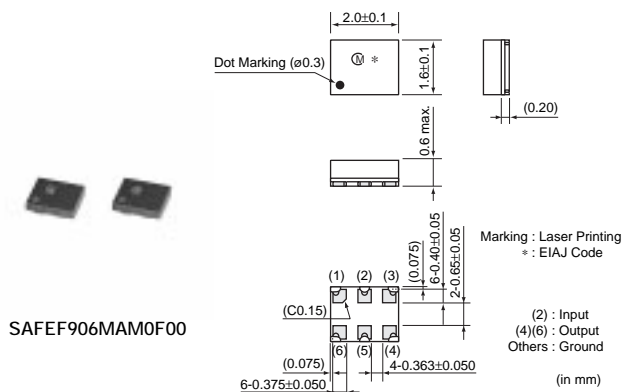
SAFED1G96FA0F00

| Part Number | Center Frequency (MHz) | Insertion Loss (dB) | Ripple (dB max.) | VSWR | Input Impedance | Output Impedance |
|-----------------|------------------------|----------------------------|--------------------------|------------------------------|-----------------|------------------|
| SAFEB1G96FA0F00 | 1960 | 2.6 max. (1930-1990MHz) | 1.8 (1930MHz-1990MHz) | 2.2max. (1930MHz-1990MHz) | 50ohm | 150ohm//27nH |
| SAFED1G96FA0F00 | 1960 | 2.9 max. (1930-1990MHz) | 1.8 (1930MHz-1990MHz) | 2.4max. (1930MHz-1990MHz) | 50ohm | 150ohm//18nH |
| SAFEH1G96FB0F00 | 1960 | 2.6 max. (1930-1990MHz) | 1.8 (1930MHz-1990MHz) | 2.2max. (1930MHz-1990MHz) | 50ohm | 150ohm//22nH |
| SAFEF1G96AA0F00 | 1960 | 2.8 max. (1930-1990MHz) | 1.7 (1930MHz-1990MHz) | 2.4max. (1930MHz-1990MHz) | 50ohm | 50ohm |
| 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 |

● J-CDMA



SAFEB911MAL0F00



SAFEF906MAM0F00

| Part Number | Center Frequency (MHz) | Insertion Loss (dB) | Ripple (dB max.) | VSWR | Input Impedance | Output Impedance |
|-----------------|------------------------|-----------------------------|------------------------|----------------------------|-----------------|------------------|
| SAFEB911MAL0F00 | 911.5 | 2.2 max. (898MHz-925MHz) | 1.2 (898MHz-925MHz) | 2.0max. (898MHz-925MHz) | 50ohm | 50ohm |
| SAFEB856MCM0F00 | 856.5 | 2.2 max. (843MHz-870MHz) | 1.2 (843MHz-870MHz) | 2.0max. (843MHz-870MHz) | 50ohm | 100ohm |
| SAFEC851MCL0F00 | 851 | 2.8 max. (832MHz-870MHz) | 1.7 (832MHz-870MHz) | 2.5max. (832MHz-870MHz) | 50ohm | 100ohm//56nH |
| SAFEF906MAM0F00 | 906 | 3.2 max. (887MHz-925MHz) | 1.5 (887MHz-925MHz) | 2.4max. (887MHz-925MHz) | 50ohm | 50ohm |
| 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 |

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| Part Number | Center Frequency (MHz) | Insertion Loss (dB) | Ripple (dB max.) | VSWR | Input Impedance | Output Impedance |
|------------------------|------------------------|-----------------------------|------------------------|----------------------------|-----------------|------------------|
| 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//56nH |

● PCS(CDMA)

SAFSE1G88KC0T00

2.5 ± 0.2
 R4-0.15
 Dot Marking (ø0.4)
 2.0 ± 0.2
 1.0 max.
 4-1.25 ± 0.15
 2.0 ± 0.10
 R2-0.15
 4-0.63 ± 0.15
 (0.50)
 4-0.88 ± 0.15
 2-0.74 ± 0.10
 (1) (2)
 (C0.3)
 (3) (4)
 Marking : Laser Printing
 * : EIAJ Code
 Pin
 (1) : Input
 (3) : Output
 Others : Ground
 (in mm)

| Part Number | Center Frequency (MHz) | Insertion Loss (dB) | Ripple (dB max.) | VSWR | Input Impedance | Output Impedance |
|------------------------|------------------------|-------------------------------|--------------------------|------------------------------|-----------------|------------------|
| 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 |

● W-CDMA

SAFEB2G14FA0F00

1.35±0.05
 Dot Marking (ø0.3)
 1.05±0.05
 0.6 max.
 5-0.325±0.050
 (0.05)
 2-0.25±0.05
 (1) (2) (3)
 (0.075)
 5-0.25±0.05
 2-0.25±0.05
 (4) (5)
 Marking : Laser Printing
 * : EIAJ Code
 (1) : Input
 (3)(4) : Output
 Others : Ground
 (in mm)

SAFEH2G14FA0F00

2.0±0.1
 Dot Marking (ø0.3)
 1.6±0.1
 0.6 max.
 6-0.40±0.05
 2-0.65±0.05
 (0.075)
 6-0.375±0.050
 (1) (2) (3)
 (0.075)
 4-0.363±0.050
 (4) (5) (6)
 Marking : Laser Printing
 * : EIAJ Code
 (2) : Input
 (4)(6) : Output
 Others : Ground
 (in mm)

| Part Number | Center Frequency (MHz) | Insertion Loss (dB) | Ripple (dB max.) | VSWR | Input Impedance | Output Impedance |
|------------------------|------------------------|----------------------------|--------------------------|------------------------------|-----------------|------------------|
| SAFEB2G14FA0F00 | 2140 | 2.3 max. (2110-2170MHz) | 1.2 (2110MHz-2170MHz) | 1.8max. (2110MHz-2170MHz) | 50ohm | 200ohm//27nH |
| SAFEB1G95KA0F00 | 1950 | 2.9 max. (1920-1980MHz) | 2.0 (1920MHz-1980MHz) | 2max. (1920MHz-1980MHz) | 50ohm | 50ohm |
| SAFEB1G95FL0F00 | 1950 | 2.6 max. (1920-1980MHz) | 1.3 (1920MHz-1980MHz) | 1.8max. (1920MHz-1980MHz) | 200ohm//27nH | 50ohm |
| SAFEH2G14FA0F00 | 2140 | 2.3 max. (2110-2170MHz) | 1.2 (2110MHz-2170MHz) | 1.8max. (2110MHz-2170MHz) | 50ohm | 200ohm//27nH |
| SAFEH1G95FL0F00 | 1950 | 2.8 max. (1920-1980MHz) | 1.5 (1920MHz-1980MHz) | 2.0max. (1920MHz-1980MHz) | 200ohm//33nH | 50ohm |

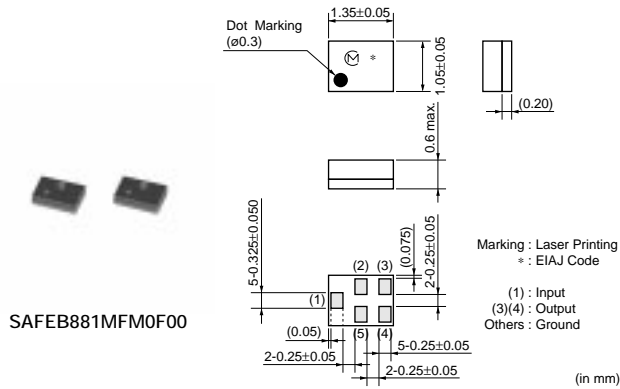
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| Part Number | Center Frequency (MHz) | Insertion Loss (dB) | Ripple (dB max.) | VSWR | Input Impedance | Output Impedance |
|------------------------|------------------------|-------------------------------|--------------------------|------------------------------|-----------------|------------------|
| SAFEF1G95KA0F00 | 1950 | 3.0 max. (1920-1980MHz) | 1.7 (1920MHz-1980MHz) | 2.0max. (1920MHz-1980MHz) | 50ohm | 50ohm |
| SAFZE1G95KD0F00 | 1950 | 3.2 max. (1920-1980MHz) | 1.5 (1920MHz-1980MHz) | 2.6max. (1920MHz-1980MHz) | 50ohm | 50ohm |
| 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 |

● CDMA800/TDMA800/E-AMPS/GSM850



| Part Number | Center Frequency (MHz) | Insertion Loss (dB) | Ripple (dB max.) | VSWR | Input Impedance | Output Impedance |
|------------------------|------------------------|-----------------------------|------------------------|----------------------------|-----------------|------------------|
| SAFEB881MFM0F00 | 881.5 | 2.2 max. (869MHz-894MHz) | 1.5 (869MHz-894MHz) | 2.0max. (869MHz-894MHz) | 50ohm | 100ohm |
| SAFEB836MAL0F00 | 836.5 | 2.5 max. (824MHz-849MHz) | 1.8 (824MHz-849MHz) | 1.9max. (824MHz-849MHz) | 50ohm | 50ohm |
| SAFEF836MAL0F00 | 836.5 | 2.8 max. (824MHz-849MHz) | 1.4 (824MHz-849MHz) | 1.9max. (824MHz-849MHz) | 50ohm | 50ohm |

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