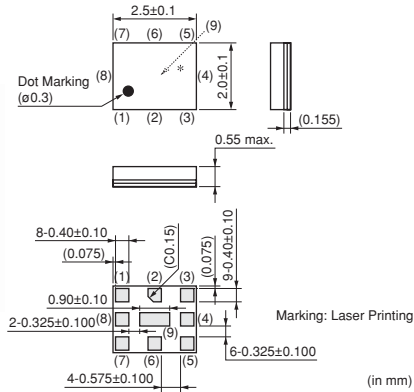


移动通信用表面波滤波器

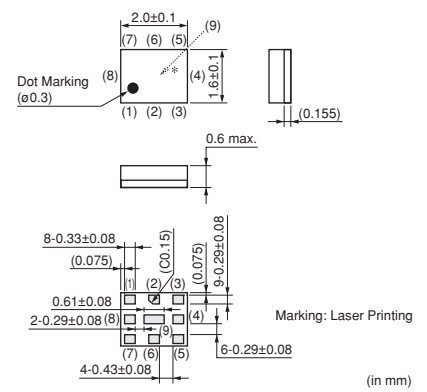


SAW收发双工器

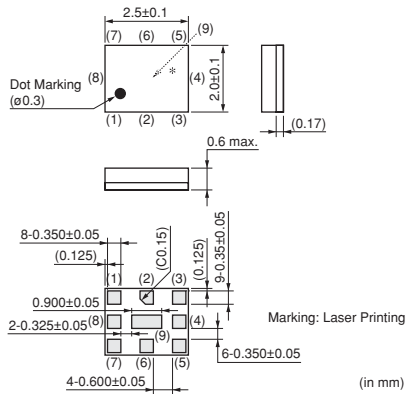
●SAYFP系列



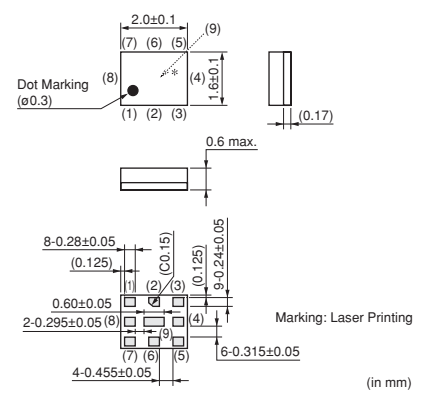
●SAYFH系列



●SAYRJ系列



●SAYRF系列



| Part Number | Application | Size (mm) | Layout | Rx Impedance | I.L. of Tx to ANT. (dB max.) | I.L. of ANT. to Rx (dB max.) | Isolation (Tx to Rx) (dB min.) |
|-----------------|--------------|-----------|------------------|--------------|---|---|---|
| SAYFP1G95AA0B00 | Band1 | 2.5 x 2.0 | Rx Unbalanced LR | 100ohm | 1.6 (1920 to 1980MHz) | 2.1 (2110 to 2170MHz) | 53 (1920 to 1980MHz) 44 (2110 to 2170MHz) |
| SAYRJ1G95HA0F0A | Band1 | 2.5 x 2.0 | Rx Balanced LR | 100ohm | 1.7 (1922.4 to 1977.6MHz)* 1.8 (1920.48 to 1979.52MHz) | 2.4 (2112.4 to 2167.6MHz)* 2.5 (2110.48 to 2169.52MHz) | 55 (1922.4 to 1977.6MHz)* 50 (2112.4 to 2167.6MHz)* |
| SAYFH1G95GA0F55 | Band1 | 2.0 x 1.6 | Rx Unbalanced LR | 100ohm | 1.6 (1920 to 1980MHz) | 2.4 (2110 to 2170MHz) | 50 (1920 to 1980MHz) 44 (2110 to 2170MHz) |
| SAYRF1G95HN0F0A | Band1 | 2.0 x 1.6 | Rx Balanced LR | 100ohm | 1.9 (1922.4 to 1977.6MHz)* 2.0 (1920 to 1980MHz) | 1.7 (2112.4 to 2167.6MHz)* 1.8 (2110 to 2170MHz) | 55 (1920 to 1980MHz) 50 (2110 to 2170MHz) |
| SAYFP1G88BA0B00 | Band2 | 2.5 x 2.0 | Rx Unbalanced LR | 100ohm | 3.4 (1850.5 to 1909.5MHz) 3.7 (1850 to 1910MHz) | 3.6 (1930.5 to 1989.5MHz) 3.9 (1930 to 1990MHz) | 52 (1850.5 to 1909.5MHz) 46 (1930.5 to 1989.5MHz) |
| SAYRJ1G88CE0B0A | Band2 BC1 | 2.5 x 2.0 | Rx Balanced LR | 100ohm | 3.0 (1852.4 to 1907.6MHz)* 3.7 (1850.48 to 1909.52MHz) | 3.2 (1932.4 to 1987.6MHz)* 4.0 (1930.48 to 1989.52MHz) | 54 (1852.4 to 1907.6MHz)* 50 (1932.4 to 1987.6MHz) |
| SAYFP1G73BA0F00 | Band4 AWS | 2.5 x 2.0 | Rx Unbalanced LR | 100ohm | 2.5 (1710 to 1755MHz) | 2.5 (2110 to 2155MHz) | 47 (1710 to 1755MHz) 46 (2110 to 2155MHz) |
| SAYFP1G73CA0F00 | Band4 AWS | 2.5 x 2.0 | Rx Balanced LR | 100ohm | 2.1 (1710 to 1755MHz) | 2.3 (2110 to 2155MHz) | 50 (1710 to 1755MHz) 45 (2110 to 2155MHz) |
| SAYRF1G73CA0F0A | Band4 AWS | 2.0 x 1.6 | Rx Balanced LR | 100ohm | 1.9 (1712.4 to 1752.6MHz)* 2.0 (1710 to 1755 MHz) | 2.2 (2112.4 to 2152.6MHz)* 2.3 (2110 to 2155MHz) | 54 (1712.4 to 1752.6 MHz)* 45 (2112.4 to 2152.6MHz)* |
| SAYFP836MAJ0F00 | Band5 BC0 | 2.5 x 2.0 | Rx Unbalanced LR | 100ohm | 1.8 (824 to 849MHz) | 2.4 (869 to 894MHz) | 54 (824 to 849MHz) 45 (869 to 894MHz) |
| SAYRJ836MCA0F0A | Band5 BC0 | 2.5 x 2.0 | Rx Balanced LR | 100ohm | 2.0 (826.4 to 846.6MHz)* 2.5 (824 to 849MHz) | 2.2 (869 to 894MHz) | 55 (824 to 849MHz) 50 (869 to 894MHz) |

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| Part Number | Application | Size (mm) | Layout | Rx Impedance | I.L. of Tx to ANT. (dB max.) | I.L. of ANT. to Rx (dB max.) | Isolation (Tx to Rx) (dB min.) |
|------------------------|--------------|-----------|---------------------|--------------|---|---|--|
| SAYFH836MBA0F00 | Band5 BC0 | 2.0 x 1.6 | Rx Unbalanced LR | 100ohm | 1.8 (824 to 849MHz) | 2.1 (869 to 894MHz) | 55 (824 to 849MHz) 50 (869 to 894MHz) |
| SAYFH836MCC0F0A | Band5 BC0 | 2.0 x 1.6 | Rx Balanced LR | 100ohm | 1.8 (826.4 to 846.6MHz)* 1.9 (824 to 849MHz) | 2.4 (871.4 to 891.6MHz)* 2.5 (869 to 894MHz) | 55 (824 to 849MHz) 50 (869 to 894MHz) |
| SAYFP897MBA0B00 | Band8 | 2.5 x 2.0 | Rx Unbalanced LR | 100ohm | 3.2 (880.48 to 914.52MHz) | 3.5 (925.48 to 959.52MHz) | 50 (880.48 to 914.52MHz) 41 (925.48 to 959.52MHz) |
| SAYRJ897MCA0B0A | Band8 | 2.5 x 2.0 | Rx Balanced LR | 100ohm | 2.4 (882.4 to 912.6MHz)* | 3.0 (927.4 to 957.6MHz)* 3.3 (925 to 960MHz) | 57 (882.4 to 912.6MHz)* 51 (927.4 to 957.6MHz)* |
| SAYFH897MHC0F0A | Band8 | 2.0 x 1.6 | Rx Balanced LR | 100ohm | 2.5 (882.4 to 912.6MHz)* | 2.5 (927.4 to 957.6MHz)* 3.3 (925 to 960MHz) | 53 (882.4 to 912.6MHz)* 50 (927.4 to 957.6MHz)* |

* Integration calculation (dB_{INT}):
$$dB_{INT} = 10 \log \left[\frac{\sum_{n=2}^N \left[\frac{10^{(Loss(f_{n-1})/10)} + 10^{(Loss(f_n)/10)}}{2} \right] \times (F_n - F_{n-1})}{F_N - F_1} \right]$$