ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

# 881 MHz CDMA, RF-Rx Saw Filter

## Part Number: AM881S422

ISO 9001 REGISTERED FIRM

| Parameters Description | Unit | Minimum | Typical | Maximum |
|---|---|---|---|---|
| **Center Frequency (Fo)** | MHz | - | 881.5 | - |
| **Insertion Loss within 869 ~ 894 MHz** | dB | - | 2.4 | 3.5 |
| **Amplitude Ripple within 869 ~ 894 MHz** | $dB_{p-p}$ | - | 0.6 | 1.8 |
| **VSWR within 869 ~ 894 MHz** | - | - | 1.5 | 2.0 |
| **Attenuation:** | | | | |
| **DC ~ 824 MHz** | dB | 45 | 53 | - |
| **824 ~ 849 MHz** | dB | 37 | 46 | - |
| **914 ~ 970 MHz** | dB | 24 | 30 | - |
| **970 ~ 1049 MHz** | dB | 50 | 61 | - |
| **1049 ~ 2000 MHz** | dB | 34 | 40 | - |

| Parameters Description | Unit | Minimum | Typical | Maximum |
|---|---|---|---|---|
| **Operation Temperature Range** | °C | -25 | - | +75 |
| **Storage Temperature Range** | °C | -40 | - | +85 |
| **Maximum DC Voltage** | V | - | - | 10 |
| **Maximum Input Power** | dBm | - | - | 10 |
| **Source Impedance (Single Ended)$_1$** | Ω | - | 50 | - |
| **Load Impedance (Single Ended)$_1$** | Ω | - | 50 | - |
| **Package Size and Type** | 3.0 x 3.0 x 1.3 mm H1 | | | |

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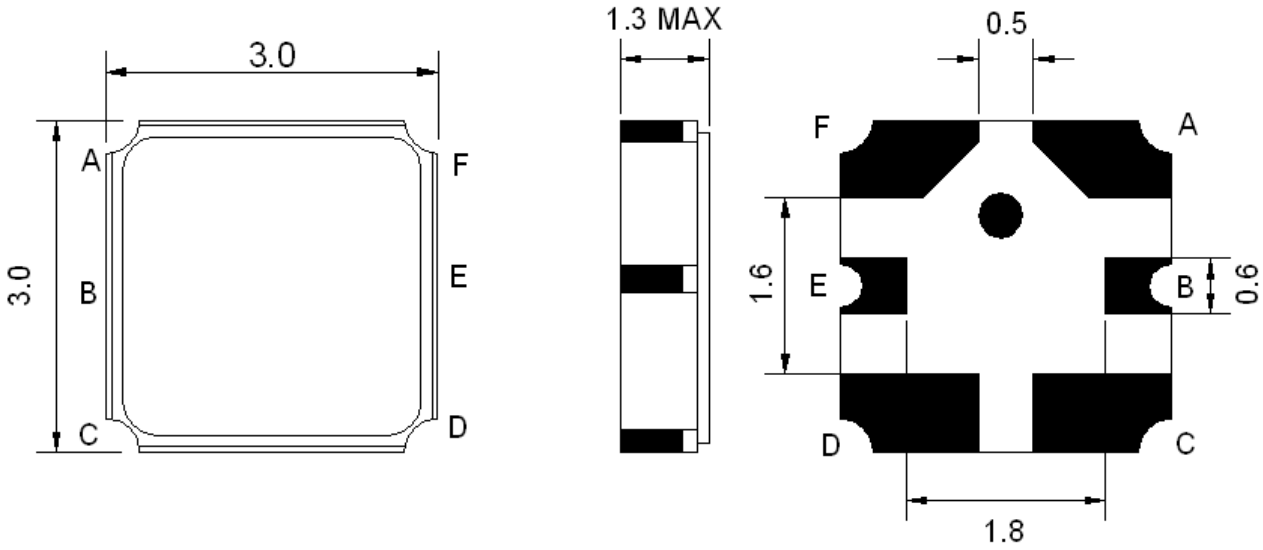
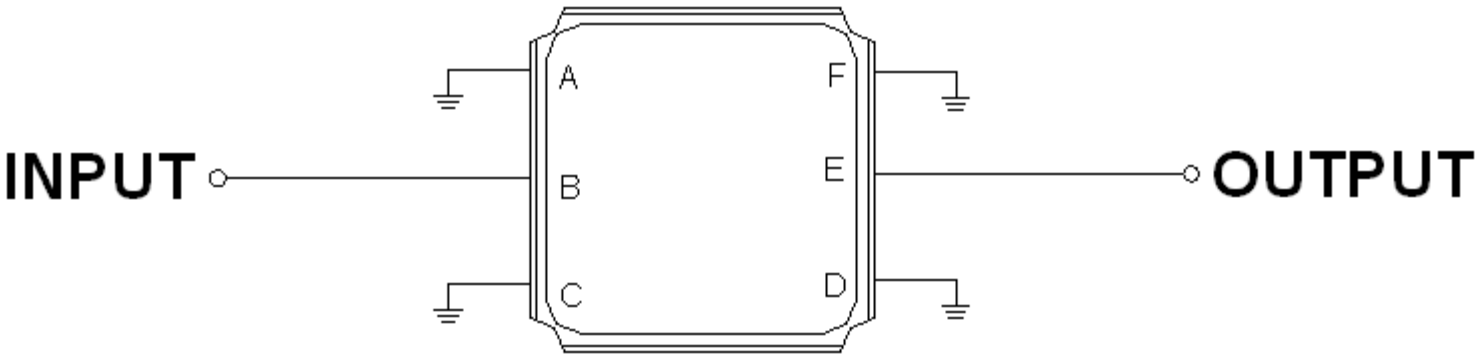
## Outline Drawing:




## Testing Environment:




Source/Load Impedance: 50 Ω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