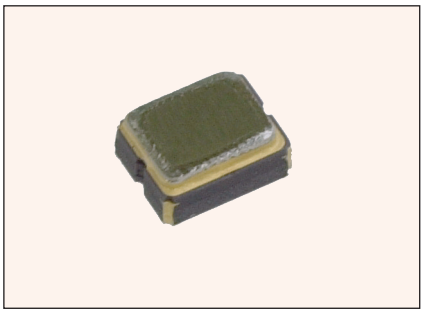
TOYOCOM

# Surface Acoustic Wave Filter (SAW Filter)



# TQS-941AA-7R

## Features

- Ultra miniature size : 2.5(W) x 2.0(D) x 1.1(H)mm
- High attenuation

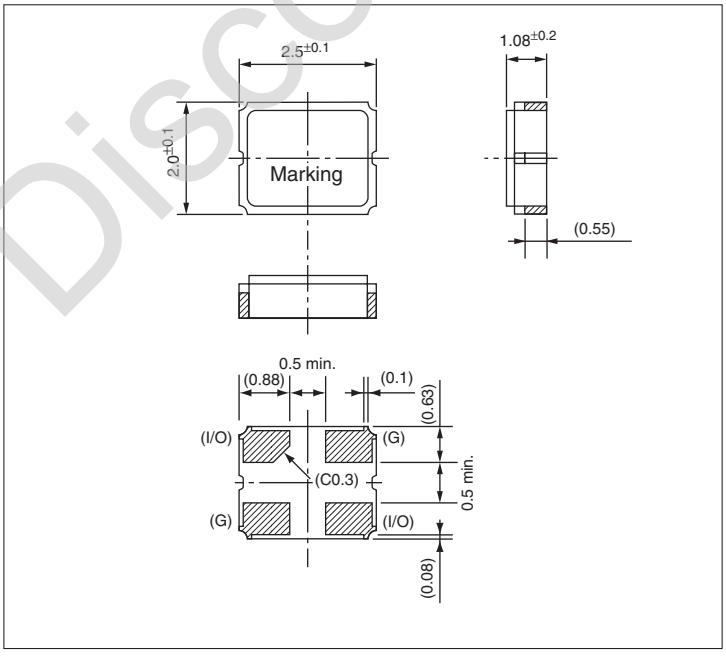
## Application

- RF filter for Cellular Phone
  W-CDMA system (Tx)

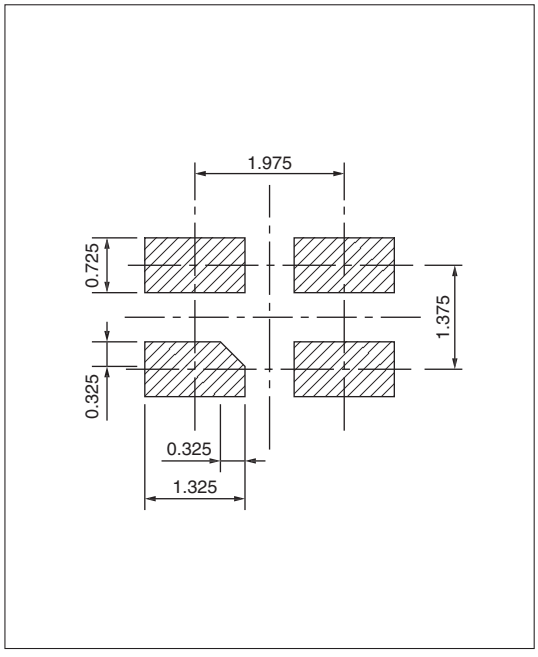
## Specifications

| Type | TQS-941AA-7R |
|---|---|
| Nominal frequency | 1950 MHz |
| Pass band | 1920 to 1980 MHz |
| Insertion loss | 3.0 dB max. |
| Pass band ripple | 1.0 dB max. |
| VSWR | 3.0 max. |
| Stop band attenuation<br>(Referred to through Level)<br>DC to 1805 MHz<br>1805 to 1880 MHz<br>2110 to 2170 MHz<br>2170 to 2550 MHz<br>2550 to 3120 MHz<br>3120 to 3960 MHz<br>3960 to 6000 MHz | <br><br>24 dB min.<br>15 dB min.<br>36 dB min.<br>28 dB min.<br>23 dB min.<br>22 dB min.<br>5 dB min. |
| Terminating impedance | 50 Ω |
| Operating temperature range | -20 °C to +85 °C |

## Package Outlines [Dimensions in mm]




## Footprint [Dimensions in mm]



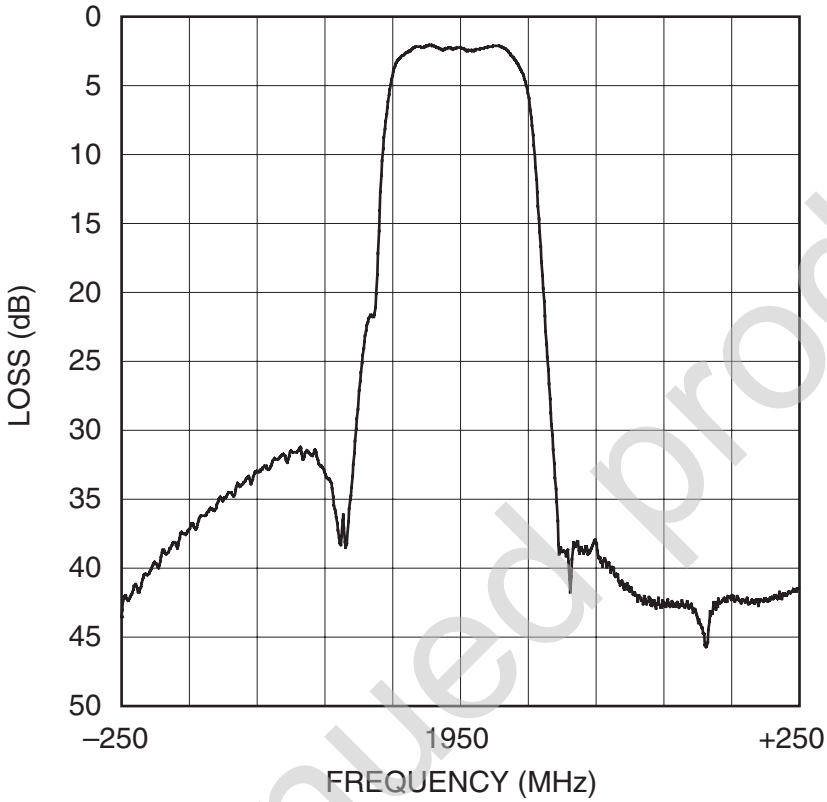

(2001. 6.)

Discontinued product

**RF Filter for Cellular Phone**
**W-CDMA system (Tx)**

**TQS-941AA-7R**
**1950 MHz**

## Electrical Data




Discontinued product