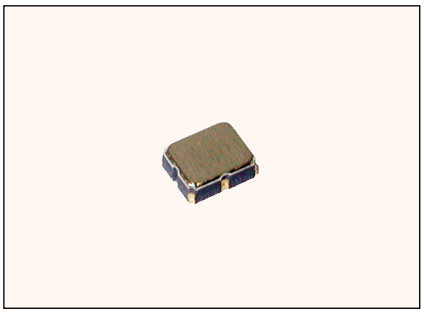
TOYOCOM

Surface Acoustic Wave Filter (SAW Filter)



TQS-527A-7G

Features

- Ultra miniature size : 2.5(W) x 2.0(D) x 0.8(H)mm
- High attenuation
- Balanced Output

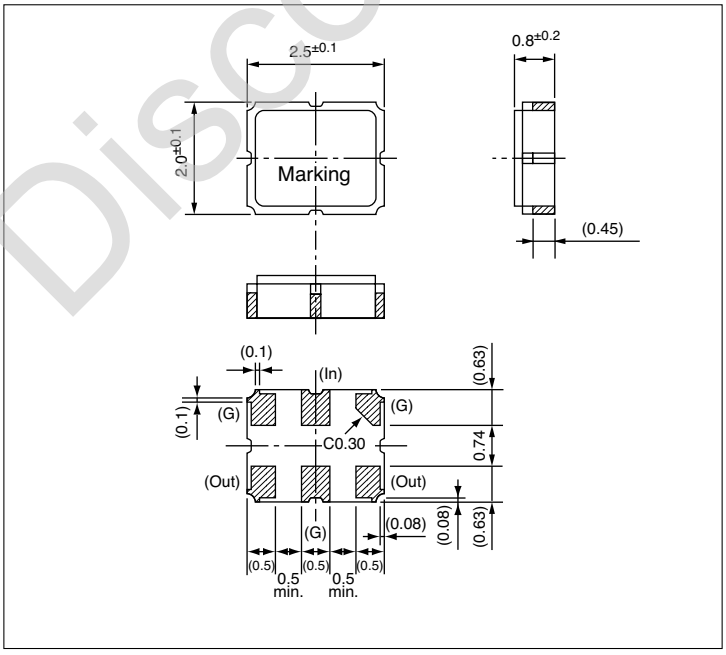
Application

- RF filter for Cellular Phone
  for E-GSM system (Rx)

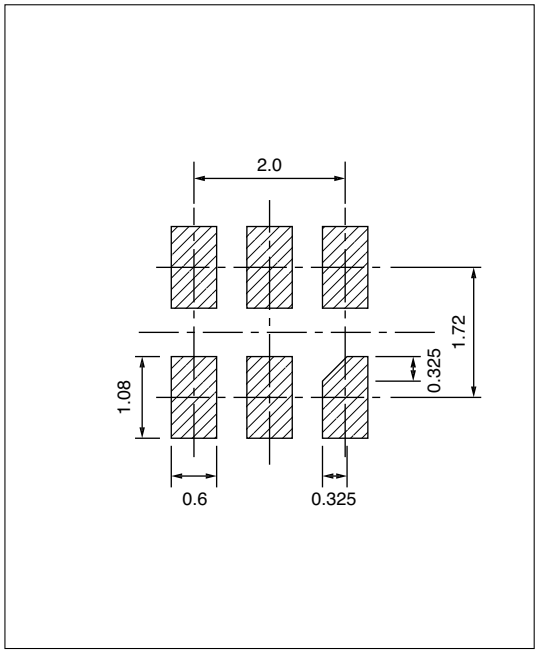
Specifications

Type	TQS-527A-7G
Nominal frequency	942.5 MHz
Pass band	925 to 960 MHz
Insertion loss	3.0 dB max.
Pass band ripple	1.5 dB max.
VSWR	2.5 max.
Phase imbalance	±10° max.
Amplitude imbalance	±1.0dB max.
Stop band attenuation (Referred to through Level) DC to 880 MHz 880 to 915 MHz 980 to 1100 MHz 1100 to 2000 MHz 2000 to 3000 MHz	 45 dB min. 20 dB min. 20 dB min. 40 dB min. 30 dB min.
Terminating impedance	Input : Unbalanced 50 Ω Output : Balanced 50 Ω
Operating temperature range	-20 °C to +75 °C

Package Outlines [Dimensions in mm]



Footprint [Dimensions in mm]



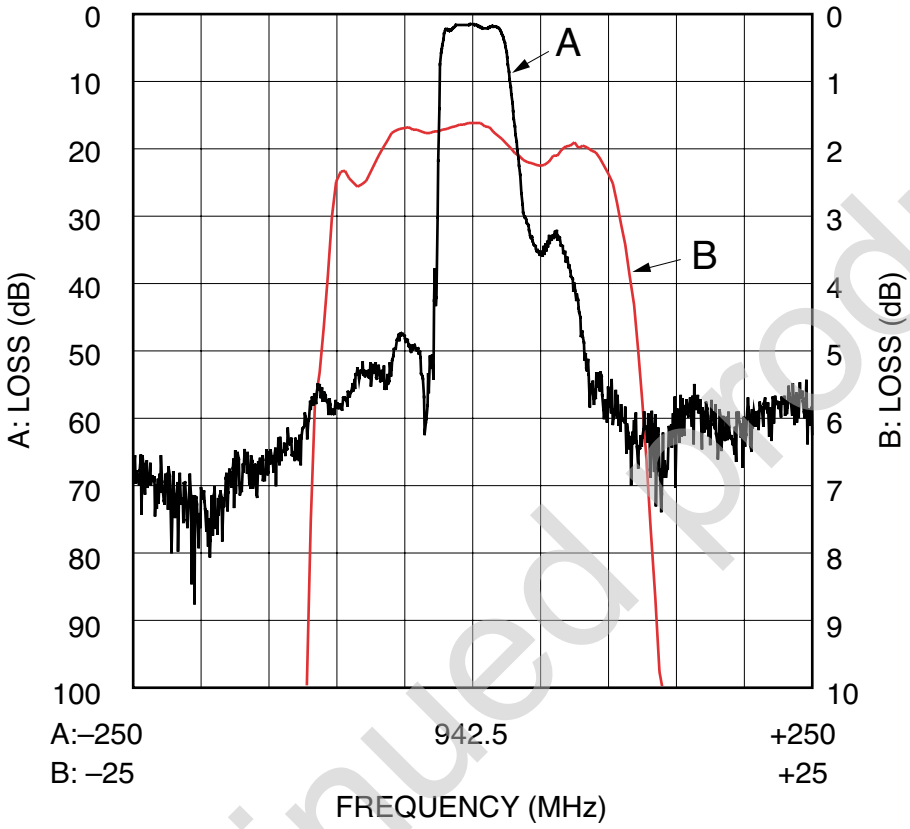
Discontinued product

(2001.11.)

RF Filter (Balanced Output) for Cellular Phone
E-GSM system (Rx)

TQS-527A-7G
942.5 MHz

Electrical Data



Discontinued product