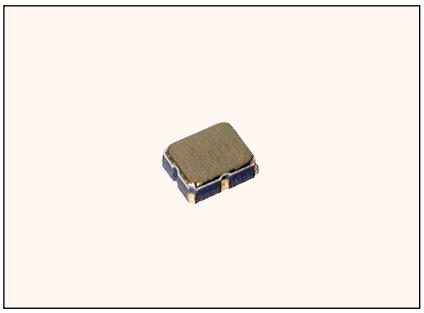
TOYOCOM

Surface Acoustic Wave Filter (SAW Filter)



TQS-529A-7G

Features

- Ultra miniature size : 2.5(W) x 2.0(D) x 0.8(H)mm
- Low Insertion Loss
- Balanced Output

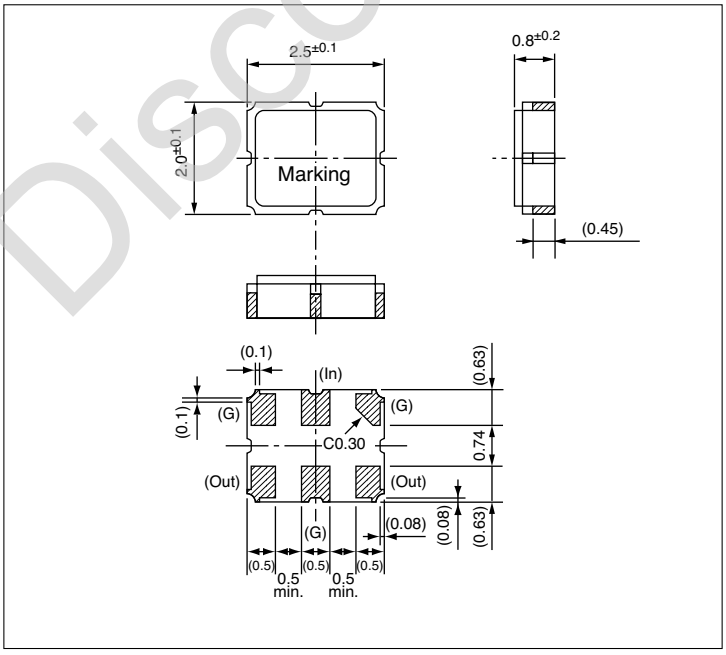
Application

- RF filter for GPS

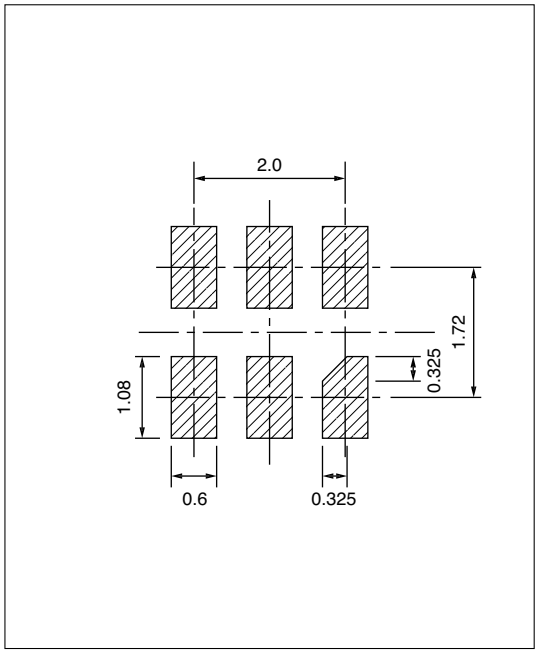
Specifications

Type	TQS-529A-7G
Nominal frequency	1575.42 MHz
Pass band	1573.42 to 1577.42 MHz
Insertion loss	1.7 dB max.
Pass band ripple	0.7 dB max.
VSWR	2.0 max.
Phase imbalance	±15° max.
Amplitude imbalance	±1.5dB max.
Stop band attenuation (Referred to through Level) DC to 1501 MHz 1501 to 1525 MHz 1626 to 1661 MHz 1661 to 2100 MHz 2100 to 2400 MHz 2400 to 6000 MHz	 24 dB min. 20 dB min. 15 dB min. 23 dB min. 20 dB min. 25 dB min.
Terminating impedance	Input : Unbalanced 50 Ω Output : Balanced 100 Ω
Operating temperature range	-30 °C to +85 °C

Package Outlines [Dimensions in mm]



Footprint [Dimensions in mm]



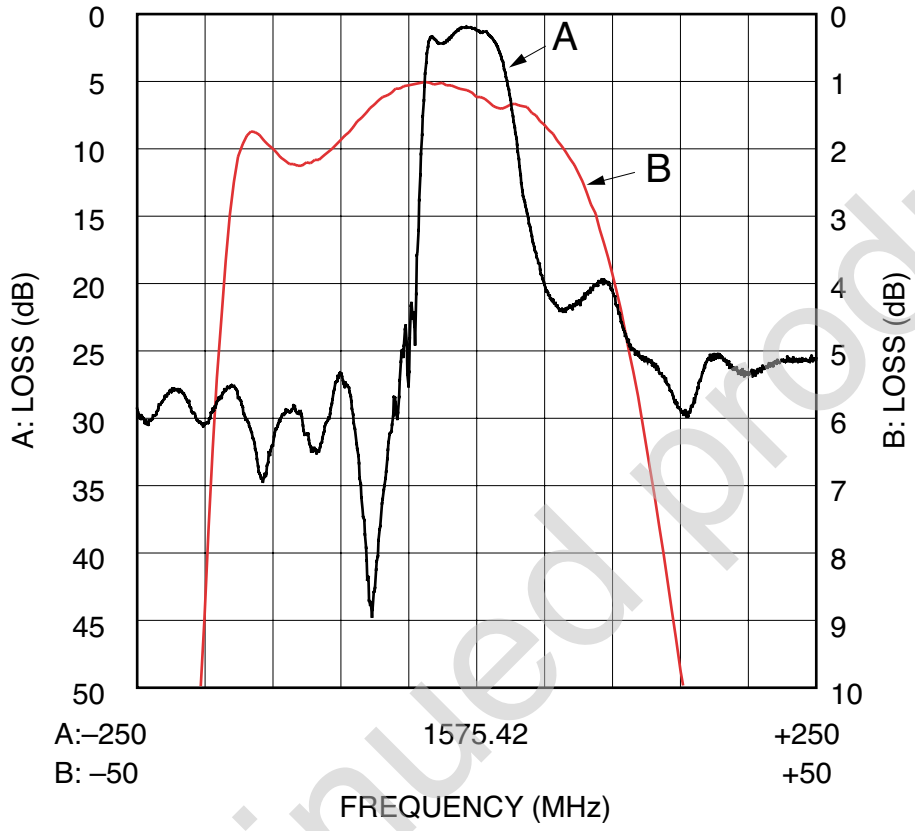
Discontinued product

(2002. 1.)

RF Filter (Balanced Output)
for GPS

TQS-529A-7G
1575.42 MHz

Electrical Data



Discontinued product