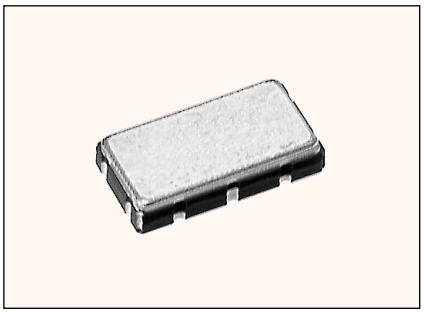
TOYOCOM

Surface Acoustic Wave Filter (SAW Filter)



TQS-462A-7R

Features

- Miniature size : 9.1(W) x 4.8(D) x 1.55(H)mm
- High attenuation
- High selectivity

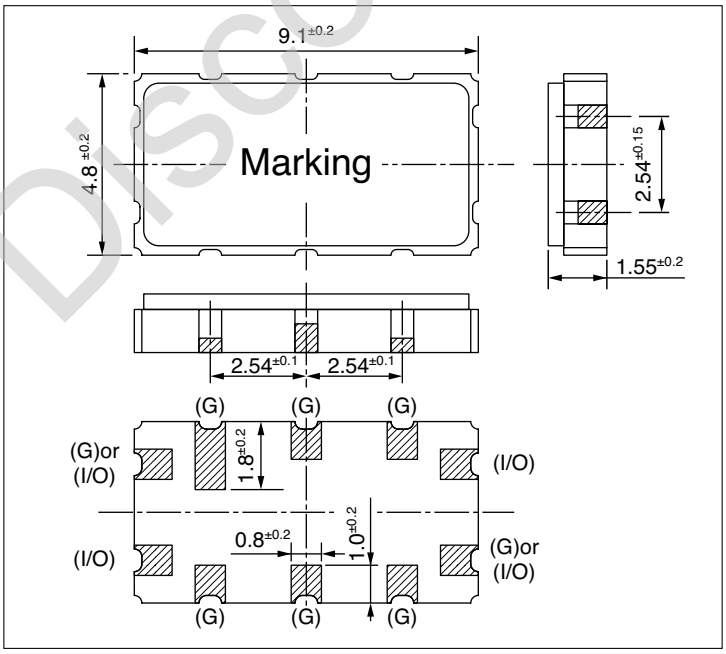
Application

- IF filter for Cellular Phone
  CDMA system

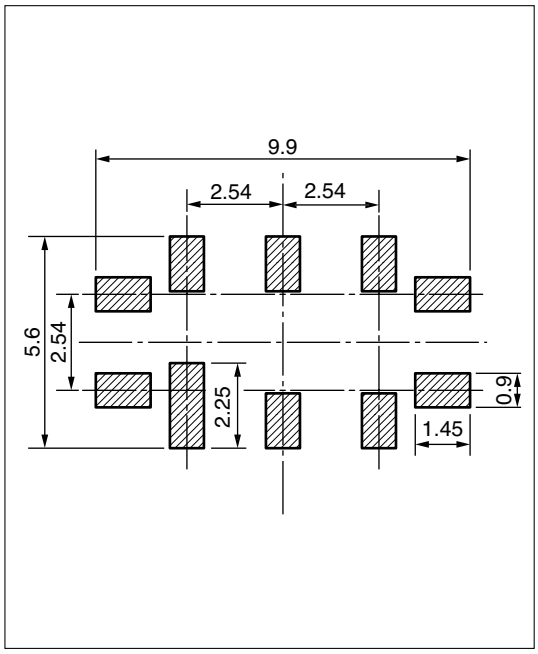
Specifications

Type		TQS-462A-7R
Nominal frequency [fo]		183.6 MHz
5dB Pass band (Relative to I.L. at fo)		fo ± 0.62 MHz min.
Insertion loss (at fo)		9.0 dB max.
Ripple (peak to peak within fo ± 300 kHz)		0.7 dB max.
Group delay distortion (within fo± 300 kHz)		0.6 μs max.
Phase linearity (within fo ± 600 kHz)		4.0°RMS max.
Stop band attenuation (Referred to I.L. at fo) at fo ± 0.9 MHz at fo ± 1.25 MHz at fo ± 1.70 MHz at fo ± 2.05 MHz at fo ± 9.00 MHz		 33 dB min. 33 dB min. 33 dB min. 33 dB min. 40 dB min.
Terminating impedance	Input	Balanced or Unbalanced : 500 Ω // -16 pF
	Output	Balanced or Unbalanced : 380 Ω // -14 pF
Operating temperature range		-30 °C to +85 °C

Package Outlines [Dimensions in mm]



Footprint [Dimensions in mm]



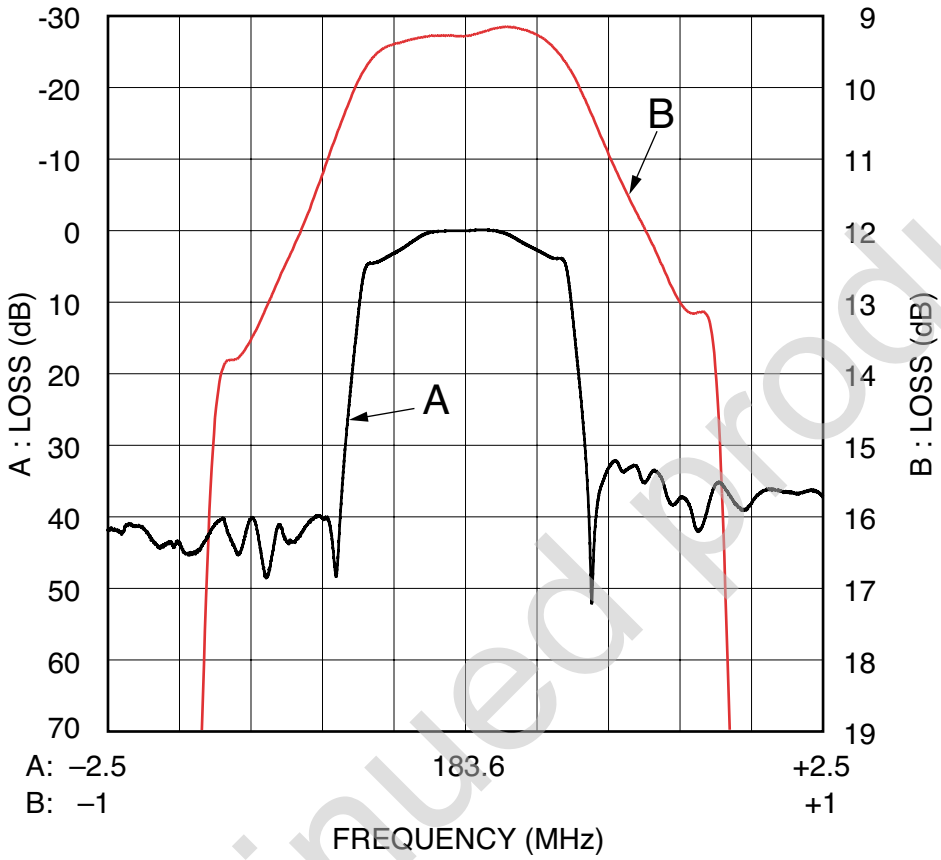
Discontinued product

(2001.11.)

IF Filter for Cellular Phone
CDMA system

TQS-462A-7R
183.6 MHz

Electrical Data



Discontinued product