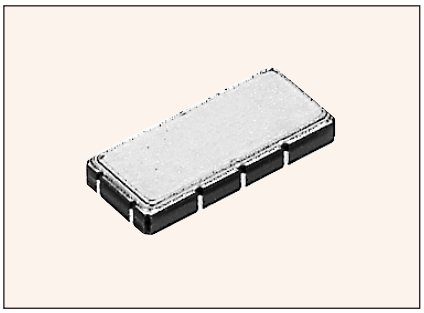
TOYOCOM

Surface Acoustic Wave Filter (SAW Filter)



TQS-458B-7R

Features

- Miniature size : 11.4(W) x 5.0(D) x 1.40(H)mm
- Low group delay distortion
- High selectivity

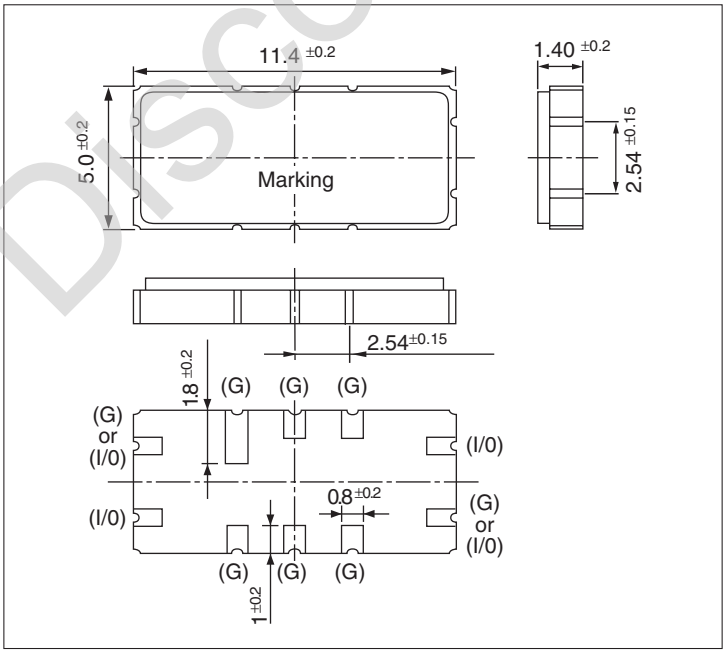
Application

- IF filter for Cellular Phone
  CDMA system

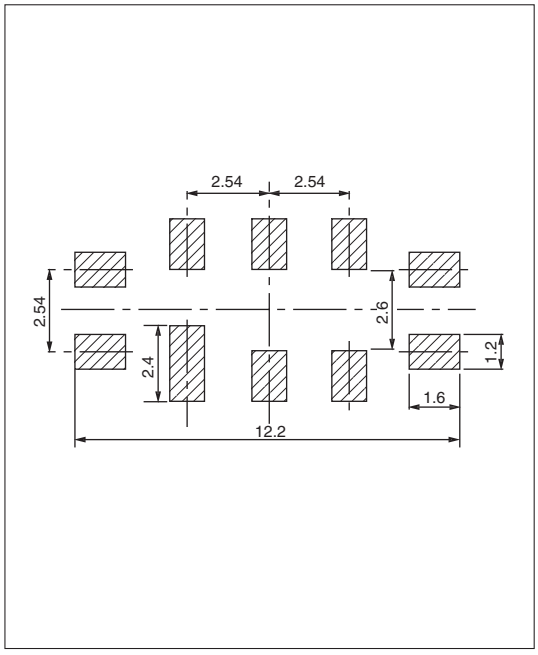
Specifications

Type	TQS-458B-7R
Nominal frequency (fo)	85.38 MHz
5dB Pass band (relative to loss at fo)	fo ±600 kHz min.
Insertion loss	10.5 dB max.
Amplitude ripple	1.0 dB max. (fo ±0.3 MHz)
Group delay distortion	400 ns max. (fo ±0.3 MHz)
Stop band attenuation (relative to loss at fo) fo ± 0.9 MHz fo ± 1.7 MHz fo ± 9 MHz to ± 50 MHz	 33 dB min. 33 dB min. 45 dB min.
Terminating impedance	Input (Balanced or Unbalanced) : 1.8 kΩ // -10pF Output (Balanced or Unbalanced) : 1.5 kΩ // -9pF
Operating temperature range	-30 °C to +80 °C

Package Outlines [Dimensions in mm]



Footprint [Dimensions in mm]



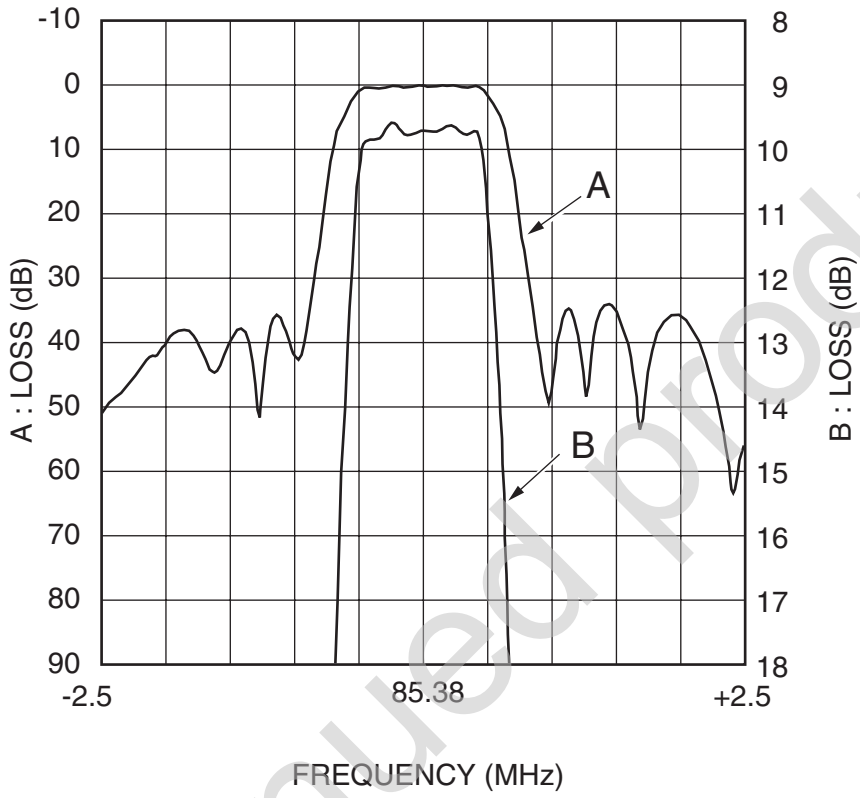
Discontinued product

(2001. 1.)

IF Filter for Cellular Phone
CDMA system

TQS-458B-7R
85.38 MHz

Electrical Data



Discontinued product