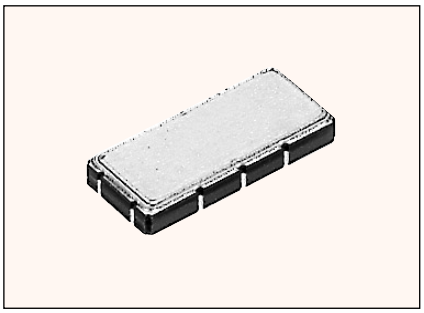
TOYOCOM

Surface Acoustic Wave Filter (SAW Filter)



TQS-458F-7R

Features

- Miniature size : 11.4(W) x 5.0(D) x 1.40(H)mm
- Phase linearity improved model
- High selectivity

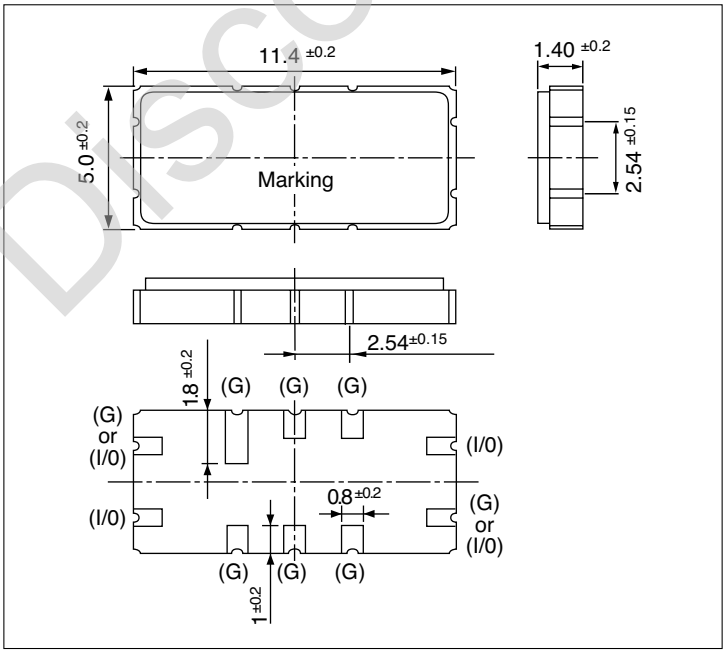
Application

- IF filter for Cellular Phone
  CDMA system

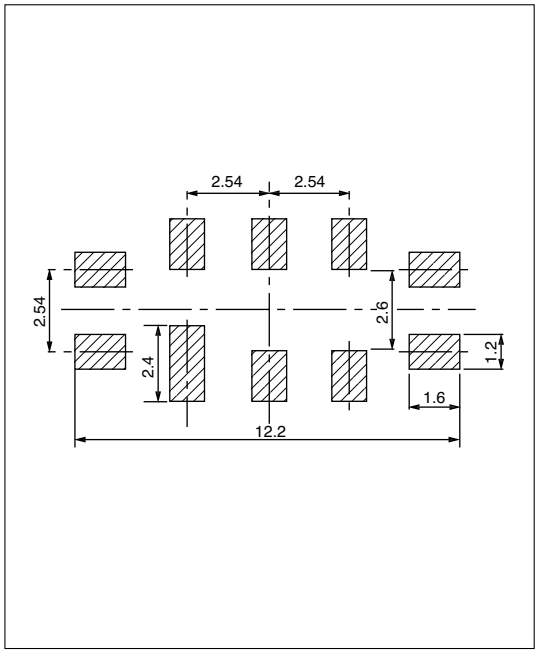
Specifications

Type		TQS-458F-7R
Nominal frequency [fo]		110 MHz
5dB Pass band (Relative to I.L. at fo)		fo ± 0.60 MHz min.
Insertion loss (at fo)		11.5 dB max.
Ripple (peak to peak within fo ± 300 kHz)		0.7 dB max.
Group delay distortion (within fo± 300 kHz)		500 ns max.
Phase linearity (within fo ± 600 kHz)		1.5°RMS typ.
Stop band attenuation (Referred to I.L. at fo) at fo ± 0.9 MHz at fo ± 1.70 MHz at fo ± 9.00 MHz		 33 dB min. 33 dB min. 40 dB min.
Terminating impedance	Input	Balanced or Unbalanced : 770 Ω // -15 pF
	Output	Balanced or Unbalanced : 1370 Ω // -12 pF
Operating temperature range		-20 °C to +75 °C

Package Outlines [Dimensions in mm]



Footprint [Dimensions in mm]



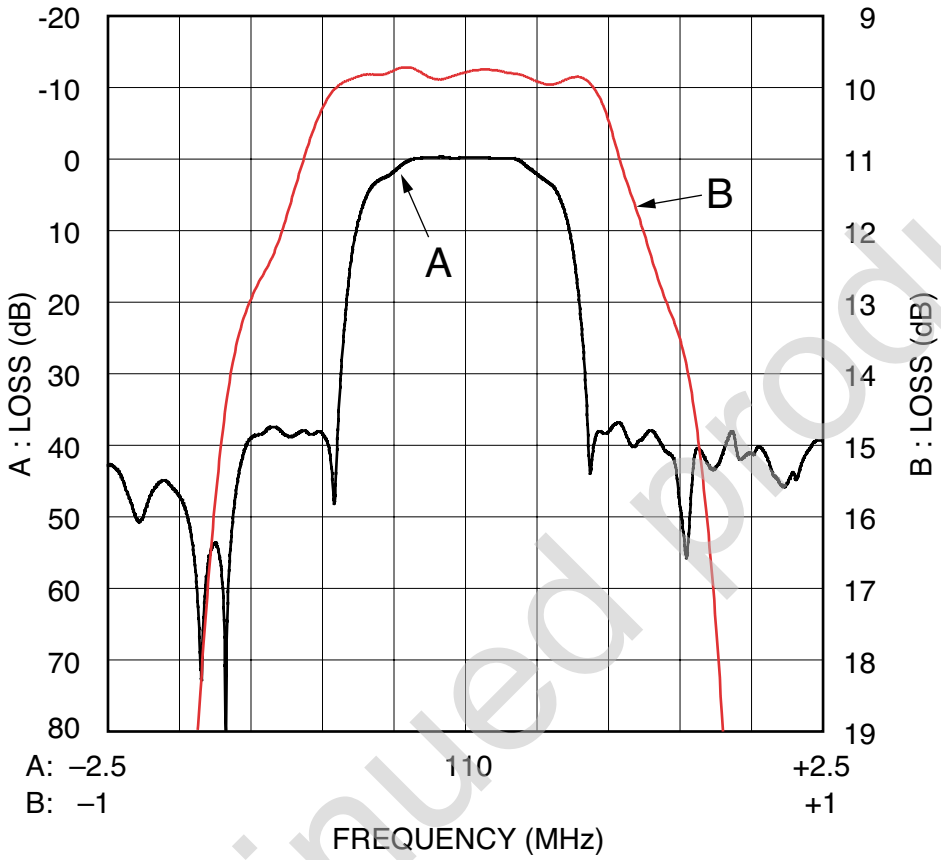
Discontinued product

(2001.11.)

IF Filter (Phase linearity improved model) for Cellular Phone
CDMA system

TQS-458F-7R
110 MHz

Electrical Data



Discontinued product