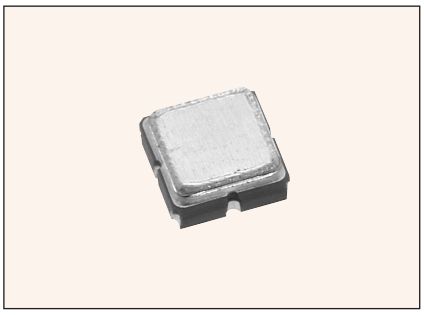
TOYOCOM

Surface Acoustic Wave Filter (SAW Filter)



TQS-520A-7R

Features

- Miniature size : 3.0(W) x 3.0(D) x 1.1(H)mm
- High selectivity
- Dual Filter

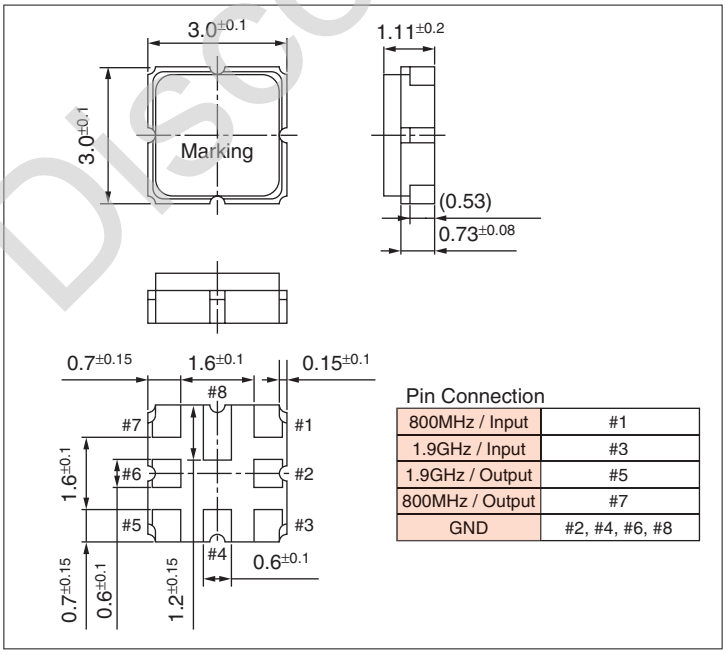
Application

- RF Dual Filter for Cellular Phone
  AMPS / CDMA / TDMA / GSM system (Rx)

Specifications

Type	TQS-520A-7R	
Frequency range	800 MHz	1.9 GHz
Pass band	869 to 894 MHz	1,930 to 1,990 MHz
Insertion loss	3.3 dB max.	3.5 dB max.
Pass band ripple	2.0 dB max.	2.0 dB max.
VSWR in pass band	2.0 dB max.	3.0 dB max.
Stop band attenuation (Referred to through Level)	DC to 849 MHz : 40 dB min. 914 to 954 MHz : 27 dB min. 954 to 1,500 MHz : 40 dB min. 1,500 to 3,000 MHz : 10 dB min.	DC to 1,850 MHz : 20 dB min. 1,850 to 1,910 MHz : 10 dB min. 2,070 to 2,130 MHz : 15 dB min. 2,130 to 3,000 MHz : 20 dB min. 3,000 to 6,000 MHz : 5 dB min.
Terminating impedance	Input : 50 Ω , Output : 50 Ω	Input : 50 Ω , Output : 50 Ω
Operating temperature range)	-30 °C to +85 °C	

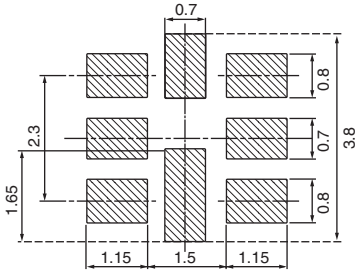
Package Outlines [Dimensions in mm]



Pin Connection

800MHz / Input	#1
1.9GHz / Input	#3
1.9GHz / Output	#5
800MHz / Output	#7
GND	#2, #4, #6, #8

Footprint [Dimensions in mm]



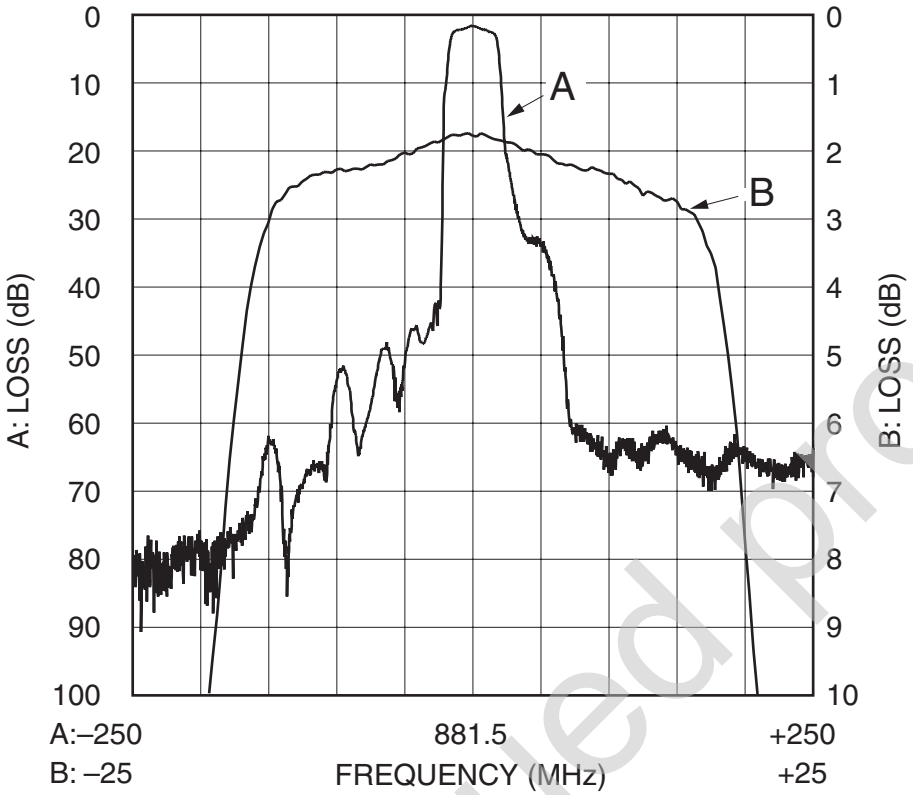
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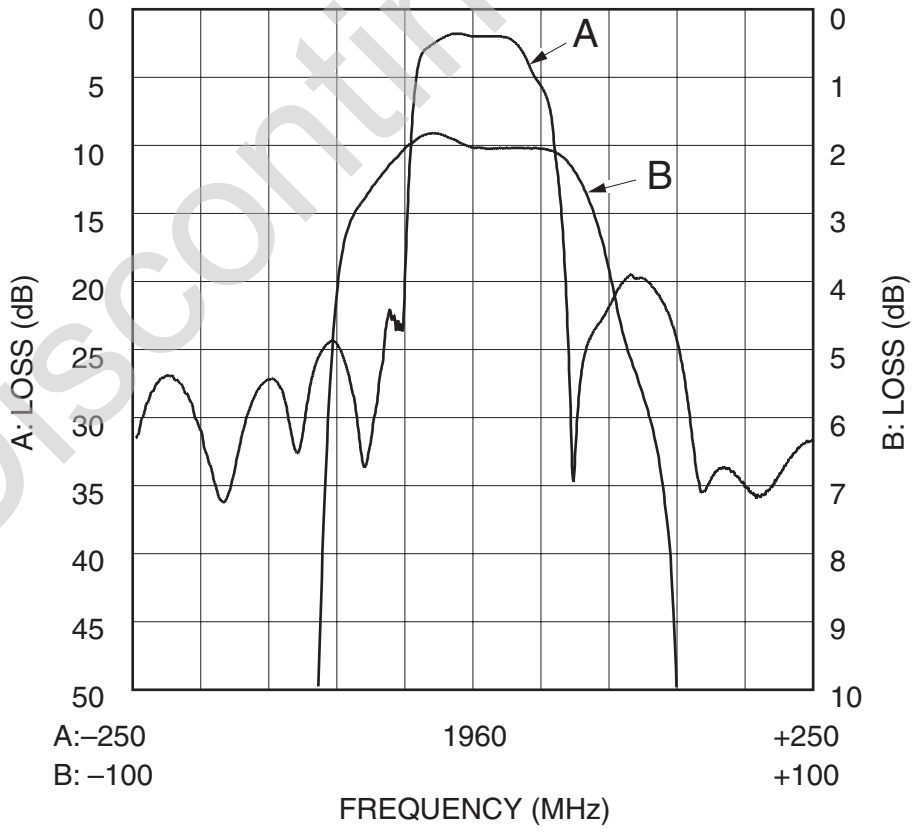
Discontinued product

RF Dual Filter for Cellular Phone
AMPS / CDMA / TDMA / GSM system (Rx)

TQS-520A-7R
800MHz and 1.9 GHz

Electrical Data





Discontinued product