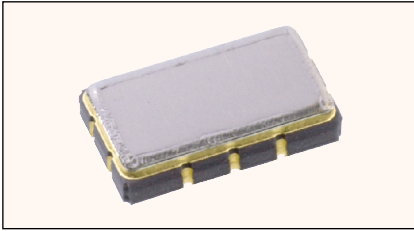


Surface Acoustic Wave Filter (SAW Filter)



TQS-465AA-7R

Features

- Miniature size : 6.0(W) x 3.5(D) x 1.15(H)mm
- High attenuation
- High selectivity

Application

- IF filter for Cellular Phone CDMA system

Specifications

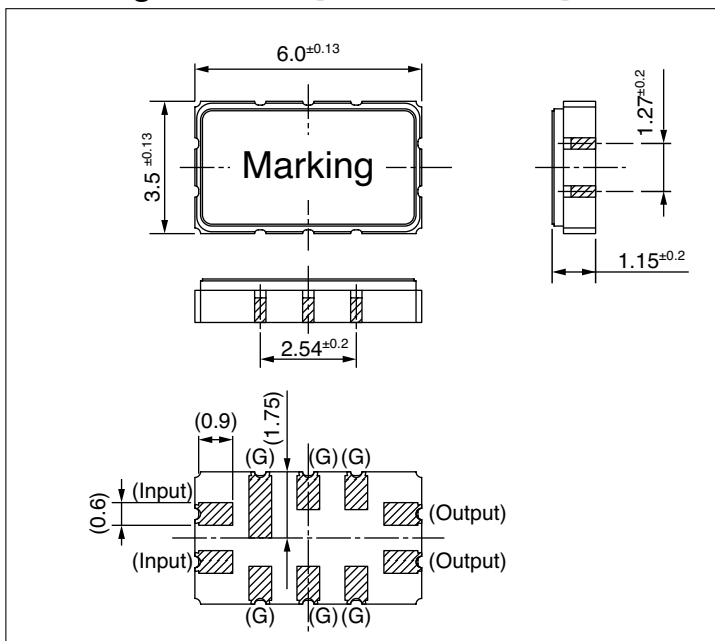
TQS-465AA-7R	min.	typ.	max.
Nominal frequency [fo]		183.6MHz	
5dB Pass band (Relative to I.L. at fo)	fo ± 615 kHz	fo ± 663 kHz	
Insertion loss (at fo) Including losses in matchng circuit		8.0 dB (*1) 9.0 dB (*2)	11.0 dB
Passband deviation (within fo±300 kHz)		0.4 dB	1.2 dB
Pass band ripple (within fo±300 kHz)		0.4 dB	1.2 dB
Phase linearity (within fo ± 615 kHz)		1.9°RMS	3.2°RMS
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 10MHz ≤ f ≤ fo-9.0 MHz fo+9.0MHz ≤ f ≤ fo+15.0 MHz fo+15.0MHz < f ≤ fo+100 MHz	33 dB 33 dB 33 dB 33 dB 40 dB 35 dB 45 dB	40 dB 41 dB 43 dB 38 dB 45 dB 41 dB 50 dB	
Terminating impedance	Input	Balanced or Unbalanced : 1020 Ω // -2.5 pF	
	Output	Balanced or Unbalanced : 810 Ω // -4.4 pF	
Operating temperature range	-30 °C to +85 °C		

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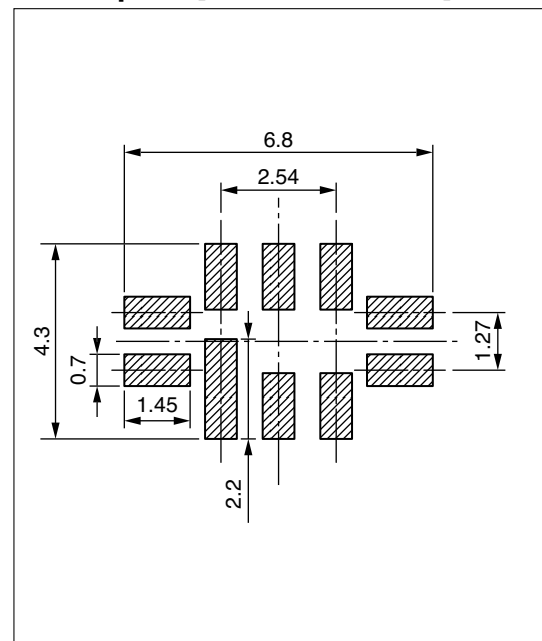
(*1) Matching inductor size is 1008 (inch)

(*2) Matching inductor size is 0603 (inch)

Package Outlines [Dimensions in mm]



Footprint [Dimensions in mm]



Surface Acoustic Wave Filter (SAW Filter)

IF Filter for Cellular Phone
CDMA system

TQS-465AA-7R
183.6 MHz

■ Electrical Data

