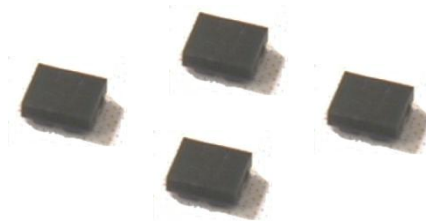




# Data Sheet of SAW Components



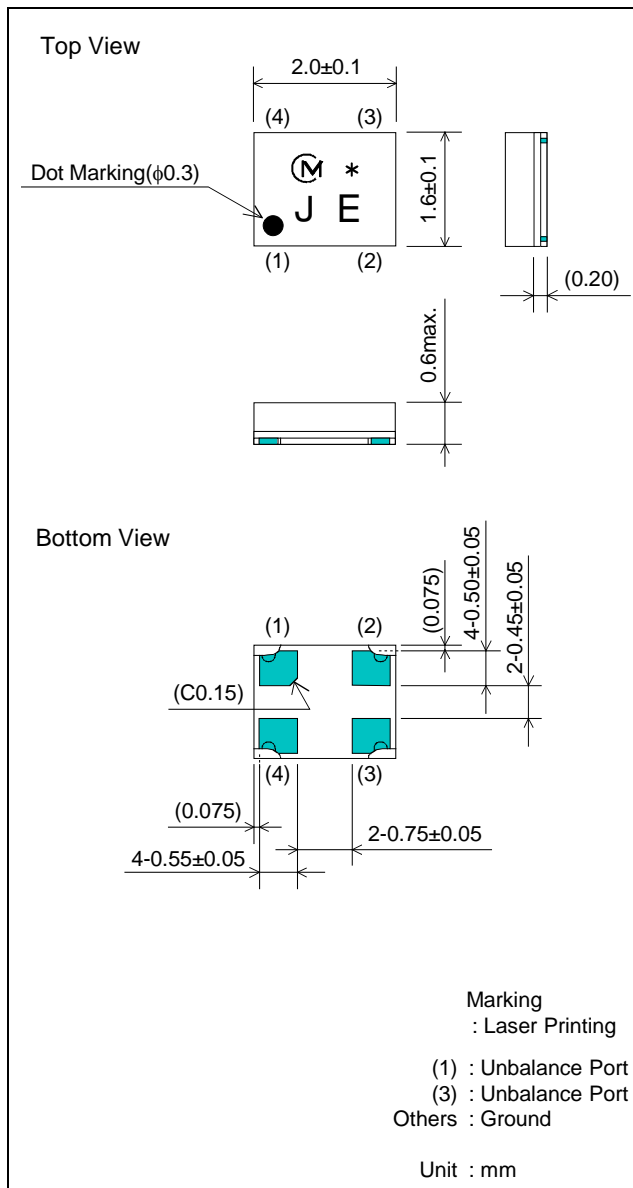
Note : Murata SAW Component is applicable for Cellular /Cordless phone (Terminal) relevant market only.

Please also read caution at the end of this document.

# SAW FILTER FOR GPS

Murata part number :SAFEF1G57KA0F00

## Package Dimensions



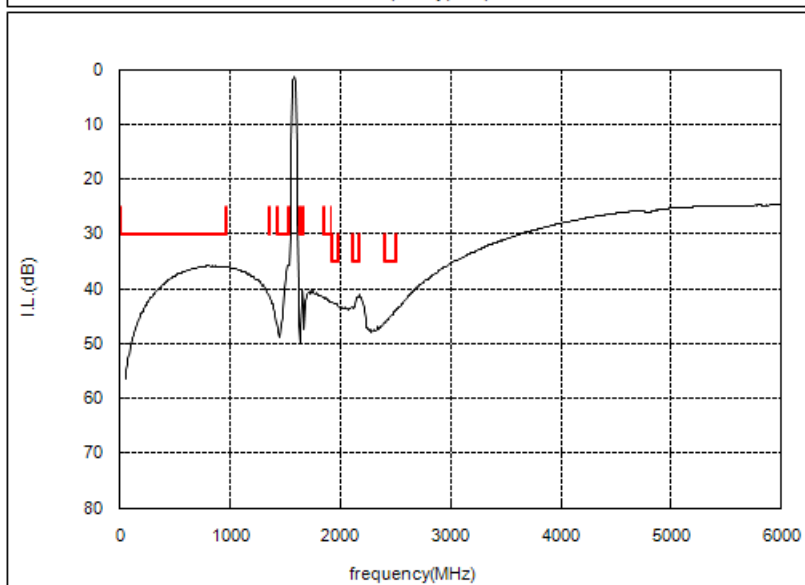
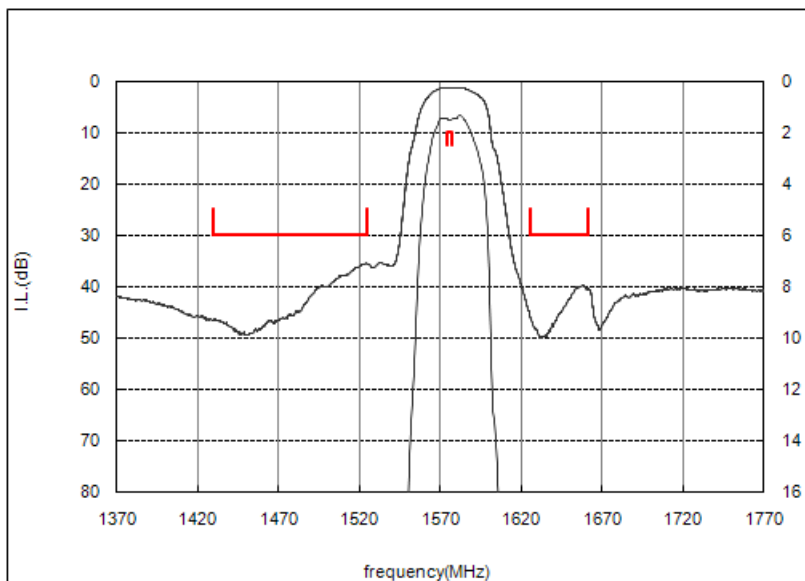
## Specification

Item	Specification	
	-30 to +85°C	typ.
Nominal Center Frequency(fc)	1575.5 MHz	
Insertion Loss (1574 to 1577 MHz)	2.0 dB max.	1.4 dB
Absolute Attenuation		
1) 0.1 to 960 MHz	30 dB min.	35 dB
2) 1350 to 1360 MHz	30 dB min.	39 dB
3) 1429 to 1525 MHz	30 dB min.	34 dB
4) 1626 to 1661 MHz	30 dB min.	39 dB
5) 1850 to 1910 MHz	30 dB min.	40 dB
6) 1920 to 1980 MHz	35 dB min.	40 dB
7) 2110 to 2170 MHz	35 dB min.	38 dB
8) 2400 to 2500 MHz	35 dB min.	38 dB
Ripple Deviation (1574 to 1577 MHz)	0.5 dB max.	0.05 dB
VSWR (1574 to 1577 MHz)	1.8 max.	1.3
Unbalance Port Matching Impedance (nominal)	50Ω	
Input Signal Level	20mW (+13dBm), 2000 hours	

# SAW FILTER FOR GPS

Murata part number :SAFEF1G57KA0F00

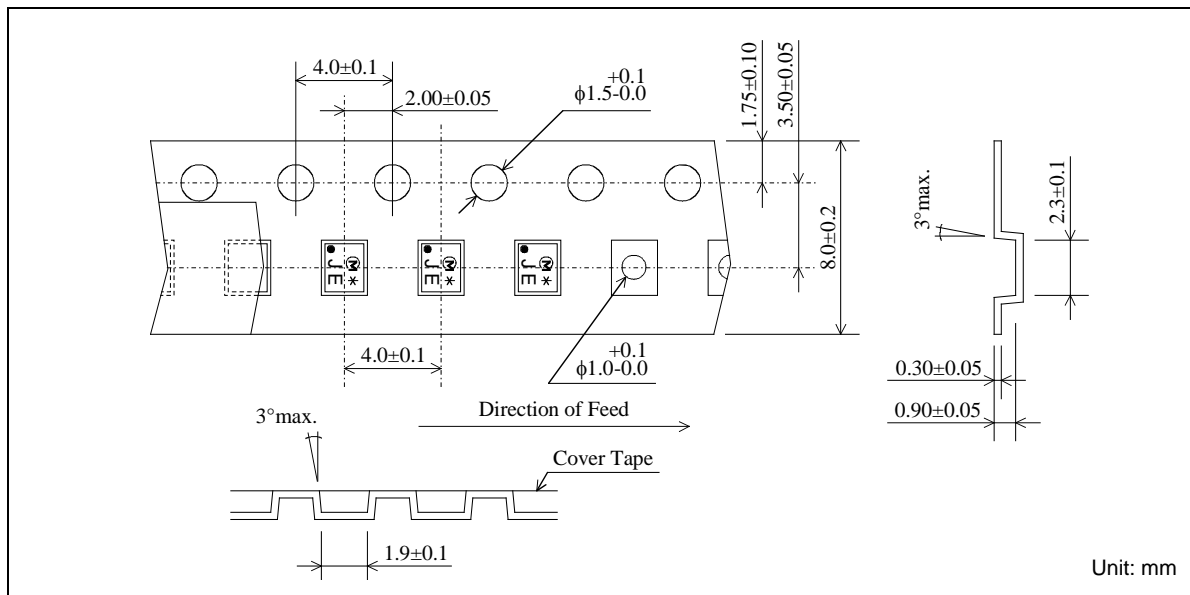
## Frequency Performance



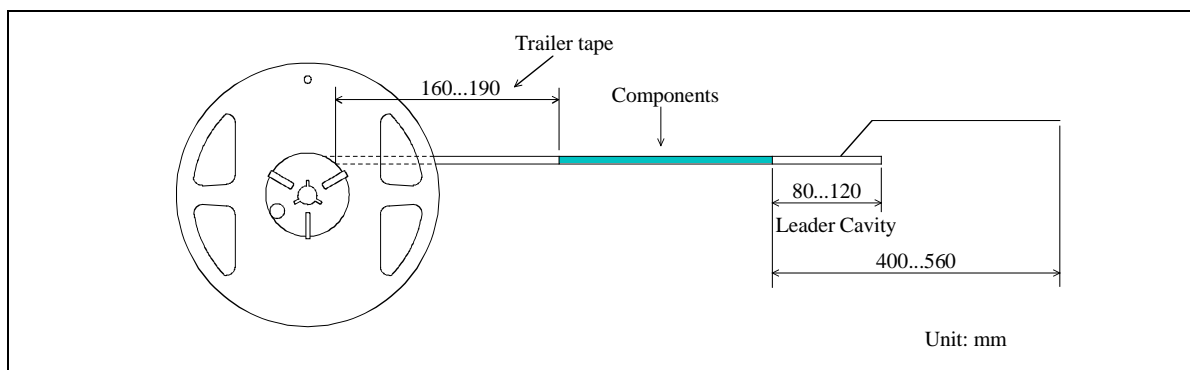
# SAW FILTER FOR GPS

*Murata part number :SAFEF1G57KA0F00*

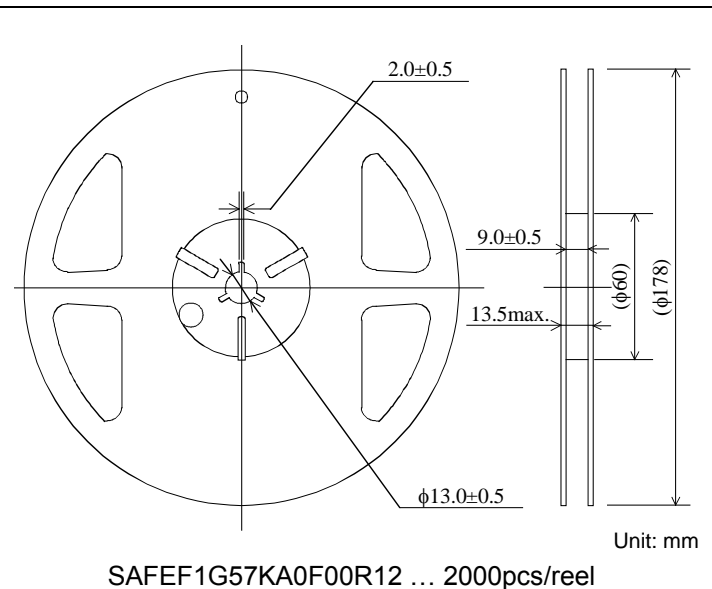
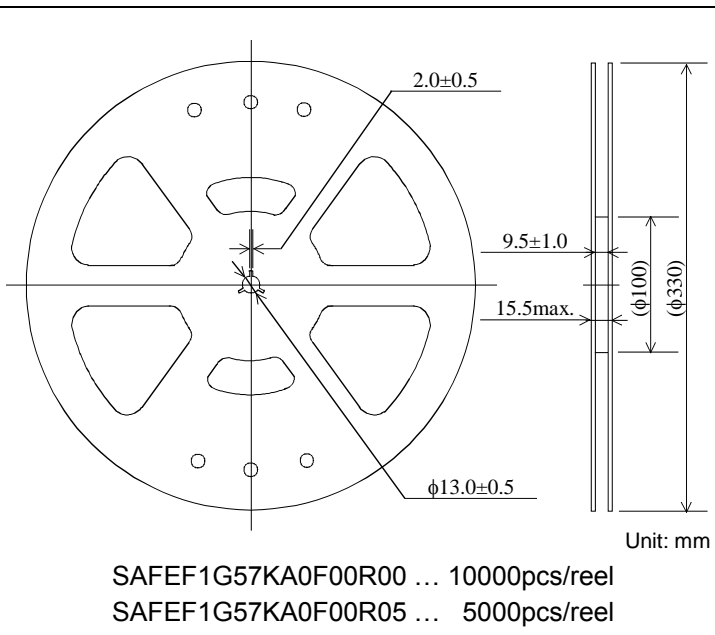
## ■ Dimensions of Carrier Tape



## ■ Dimensions of Tape



## ■ Dimensions of Reel

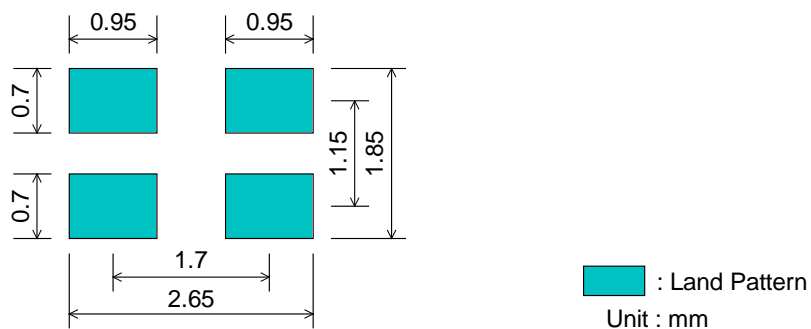


# SAW FILTER FOR GPS

Murata part number :SAFEF1G57KA0F00

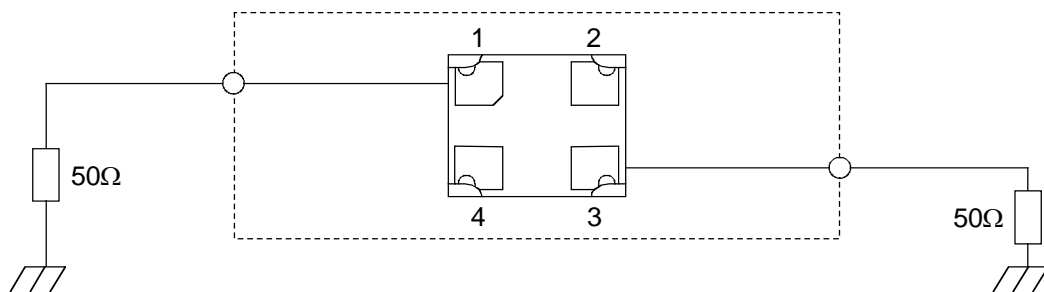
## Recommended Land Pattern

Top View



## Test Circuit

Bottom View



# SAW FILTER FOR GPS

Murata part number :SAFEF1G57KA0F00

## ■ RoHS Compliance

This component is compliant with RoHS directive.

This component was always RoHS compliant from the first date of manufacture.

### • Caution - Limitation of Applications

This product is intended for the following applications only; however, please do not use this product in these applications where defects might directly cause damage to a third party's life, body or property.

- a. Mobile Telephone
- b. Cordless phone (except for Automotive use)
- c. PC (Including Notebook PC, Netbook PC, Tablet)
- d. Game
- e. Camera (except for Business/security use)
- f. Set Top Box
- g. Electronic dictionary
- h. Digital audio equipment

• This catalog is for reference only and not an official product specification document, therefore, please review and approve our official product specification before ordering this product.