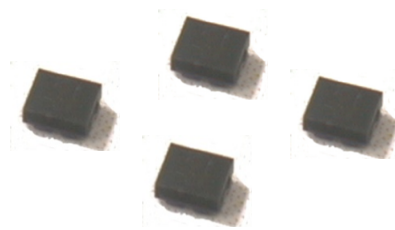


# Datasheet of SAW Device

## SAW Single Filter

for GPS\_GLONASS\_BEIDOU / Balanced /  
5pin /1109

Murata PN: SAFFB1G56FA0F0A



Note : Murata SAW Component is applicable for Cellular /Cordless  
phone (Terminal) relevant market only.  
Please also read caution at the end of this document.

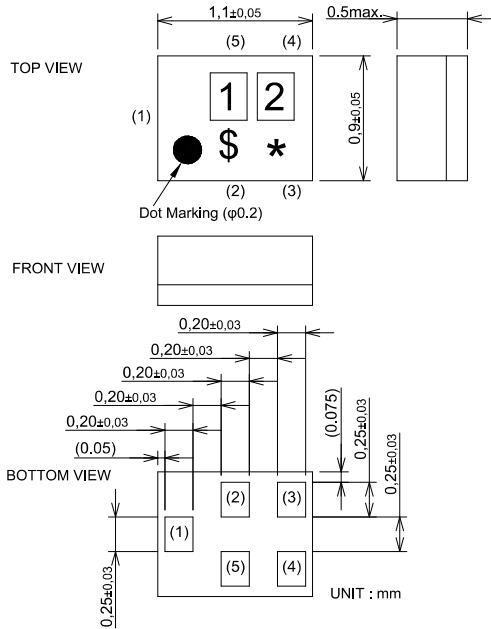
## General Information

- |  |                     |
|--|---------------------|
| - Operating temperature                          | : -30 to +85 deg.C  |
| - Storage temperature                            | : -40 to +85 deg.C  |
| - Input Power                                    | : +13 dBm 2000 h    |
| - D.C. Volatage between the terminals            | : 3V (25+/-2 deg.C) |
| - Minimum Resistance between the terminals       | : 10M ohm           |
| - RoHS compliance                                | : Yes               |
| - ESD (ElectroStatic Discharge) sensitive device |                     |

Package Dimensions & Recommended Land Pattern

unit: mm

Dimensions



Marking : Laser Printing

\* : Month code(Refer to the table A)

\$ : Date code(Refer to the table B)

1 : Q

2 : J

Terminal Number

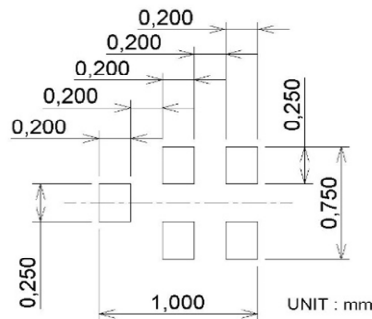
(1) : Unbalanced port

(3)(4) : Balanced port

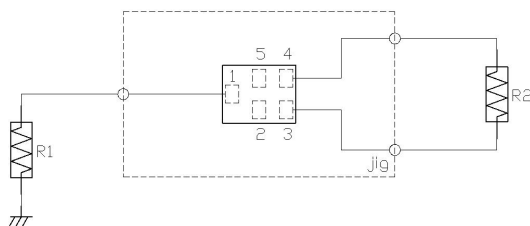
Others : GND

Notice) Please refer to Measurement Circuit for Port information in detail.

Land Pattern



Measurement Circuit (Top Thru View)



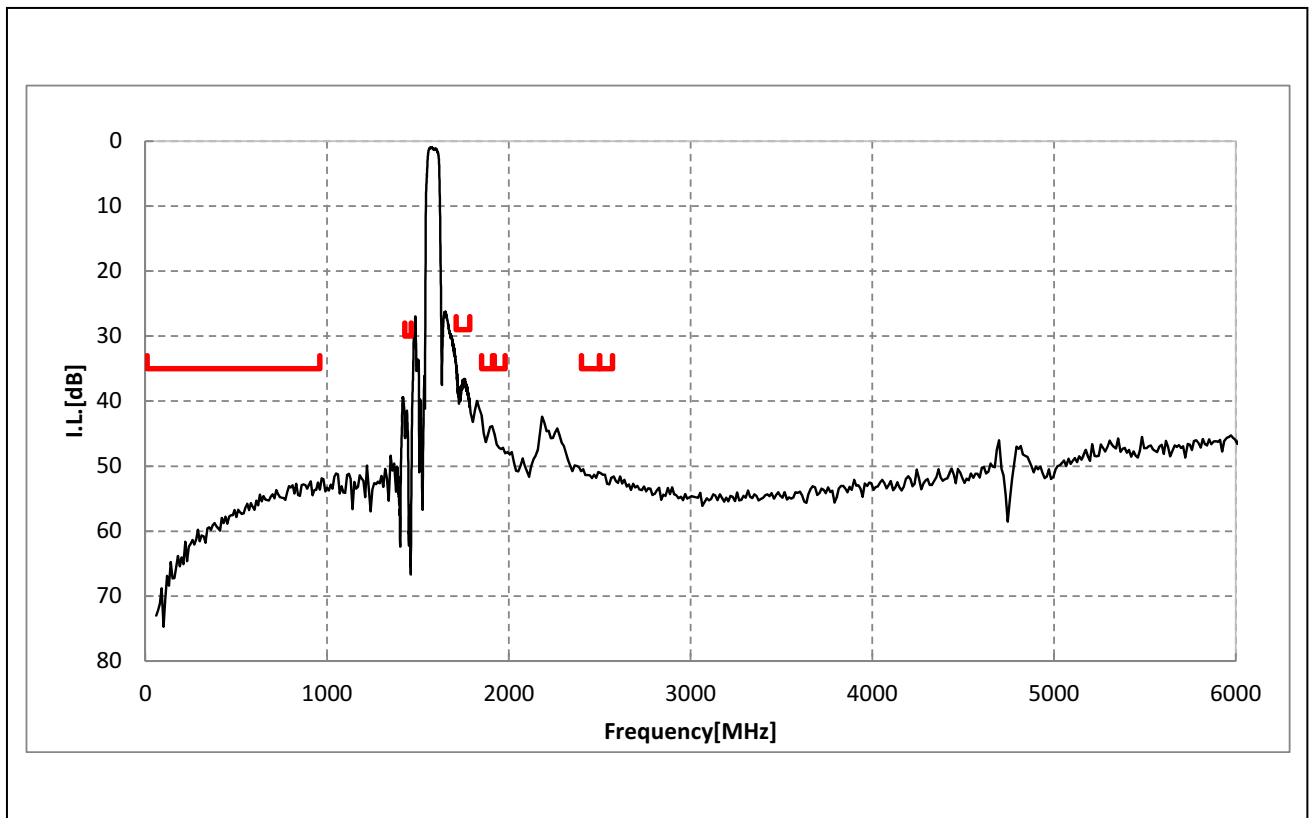
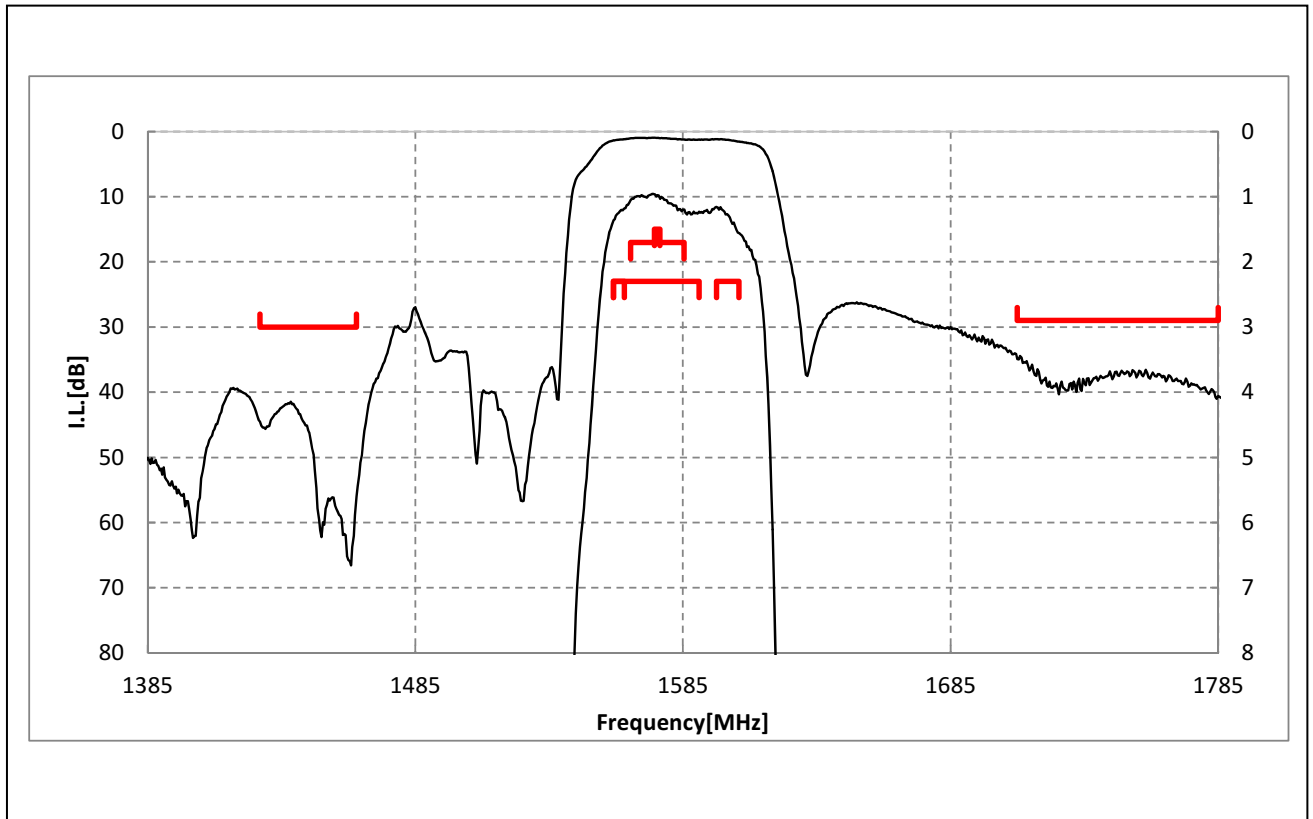
R1 : 50 ohm	
R2 : 100 ohm	



SAFFB1G56FA0F0A ( GPS\_GLONASS\_BEIDOU / Balanced / 5pin / 1109 )

Electrical Characteristic

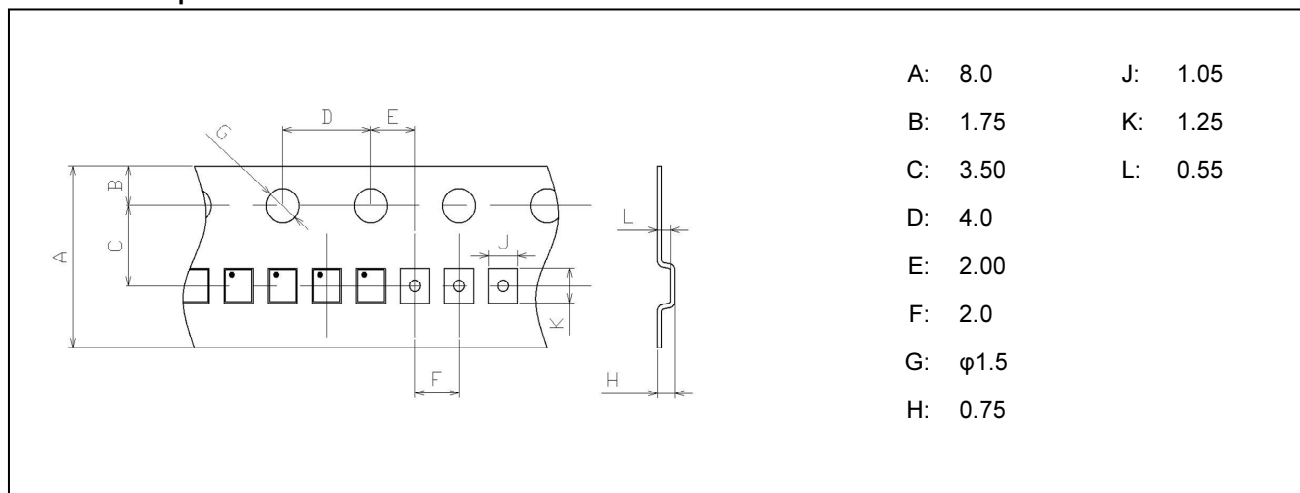
< Single Filter >



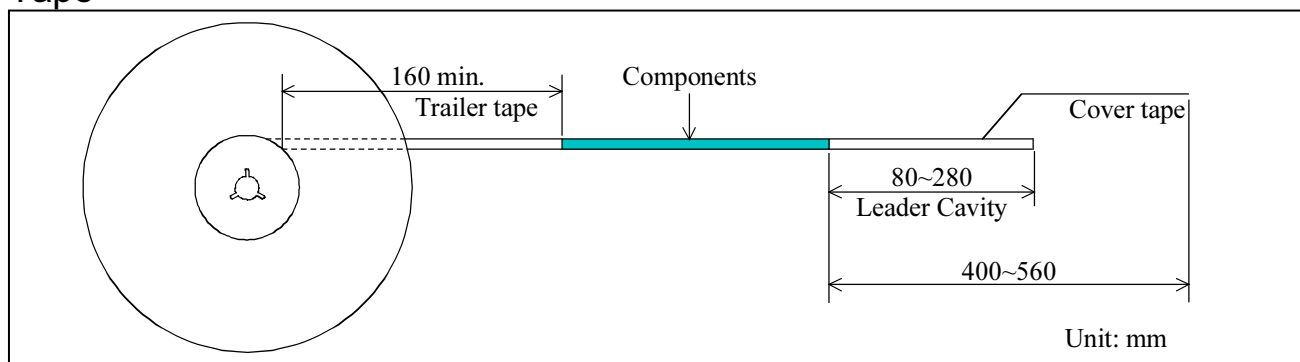
**SAFFB1G56FA0F0A ( GPS\_GLONASS\_BEIDOU / Balanced / 5pin / 1109 )**

**Dimensions of Tape & Reel** unit: mm

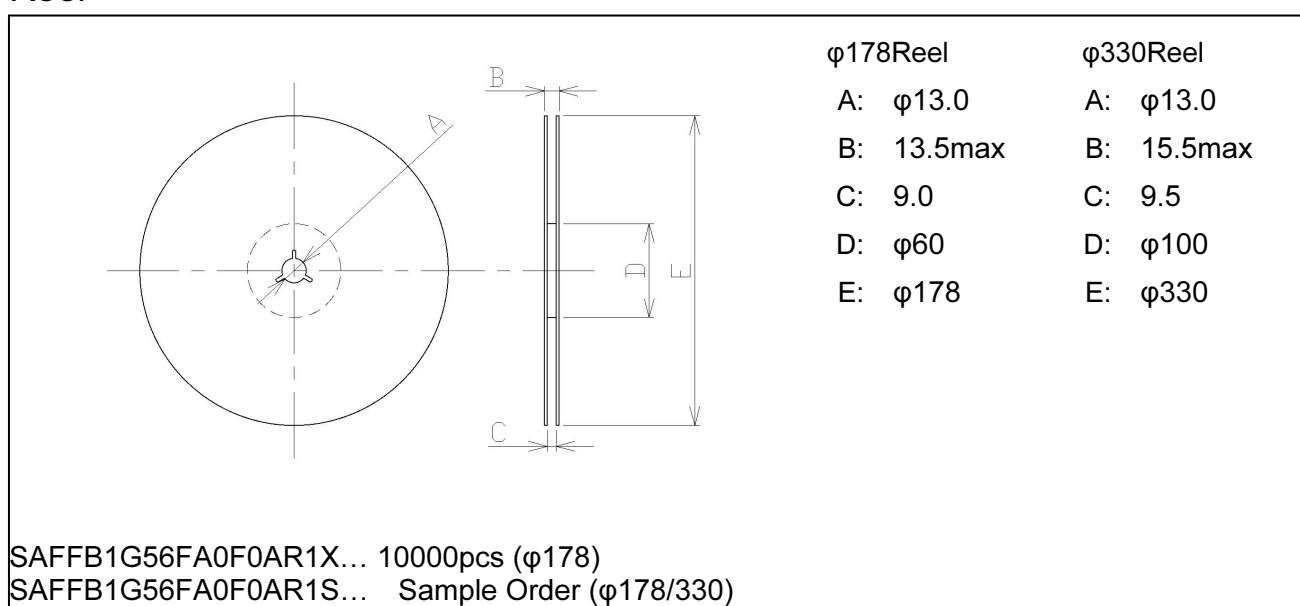
**Carrier Tape**



**Tape**



**Reel**



## Marking Code

**Table A: Month Code**

2013 2017 2021	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
	A	B	C	D	E	F	G	H	J	K	L	M
2014 2018 2022	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
	N	P	Q	R	S	T	U	V	W	X	Y	Z
2015 2019 2023	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
	a	b	c̄	d	e	f	g	h	j	k	l	m
2016 2020 2024	Jan.	Feb.	Mar.	Apr.	May.	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
	n	p	q	r	s	t	u	v	w	x	y	z

**Table B: Date Code**

date	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	
code	A	B	C	D	E	F	G	H	J	K	
date	11th	12th	13th	14th	15th	16th	17th	18th	19th	20th	
code	L	M	N	P	Q	R	S	T	U	V	
date	21st	22nd	23rd	24th	25th	26th	27th	28th	29th	30th	31st
code	W	X	Y	Z	a	b	c̄	d	e	f	g

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- Undersea equipment.
- Power plant control equipment - Medical equipment.
- Transportation equipment (vehicles, trains, ships, elevator, etc.).
- Traffic signal equipment.
- Disaster prevention / crime prevention equipment.
- Burning / explosion control equipment
- Application of similar complexity and/ or reliability requirements to the applications listed in the above.

We expressly prohibit you from analyzing, breaking, Reverse-Engineering, remodeling altering, and reproducing our product. Our product cannot be used for the product which is prohibited from being manufactured, used, and sold by the regulations and laws in the world.

Please do not use the product in molding condition.

This product is ESD (ElectroStatic Discharge) sensitive device.

When you install or measure this, you should be careful not to add antistatic electricity or high voltage. Please be advised that you had better check anti surge voltage.

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- improper use of engineering samples.

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