

# Datasheet of SAW Device

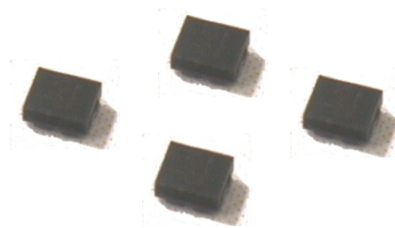
## SAW Duplexer

for Band20 / Unbalanced / LR /1814

Murata PN: SAYEY806MBA0F0A

### ■ Feature

➤ LTE-A



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

Please also read caution at the end of this document.

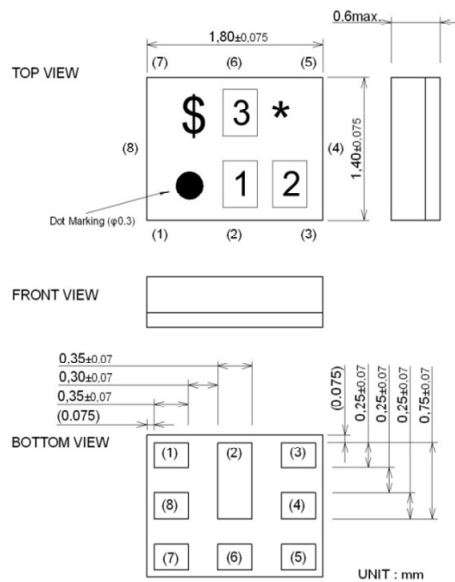


SAYEY806MBA0F0A ( Band20 / Unbalanced / LR / 1814 )

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 : 6

2 : H

3 : A

Terminal Number

(6) : Ant

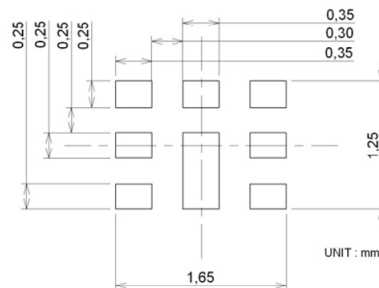
(3) : TX

(1) : RX

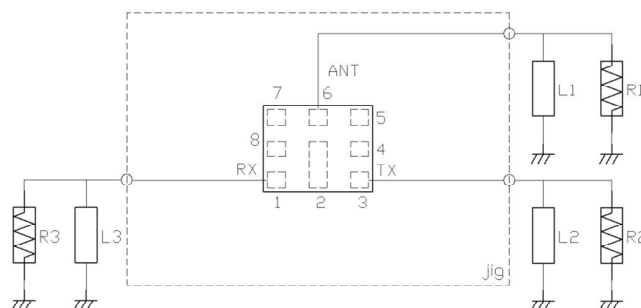
Others : GND

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

Land Pattern



Measurement Circuit (Top Thru View)



R1 : 50 ohm	L1 : 9nH(Ideal inductor)
	: 9.1nH(LQP03TN9N1)
	<Reference>
R2 : 50 ohm	L2 : 25nH(Ideal inductor)
R3 : 50 ohm	L3 : 7nH(Ideal inductor)



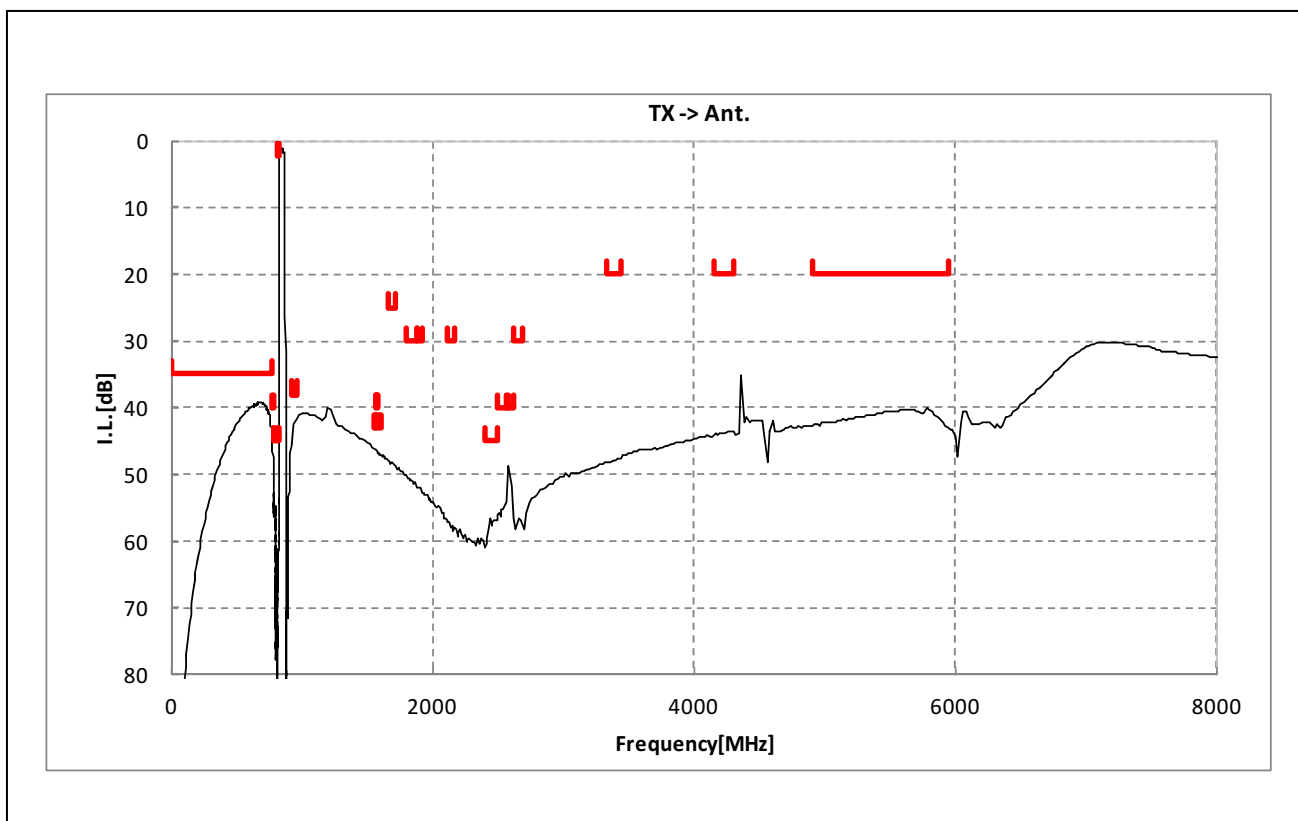
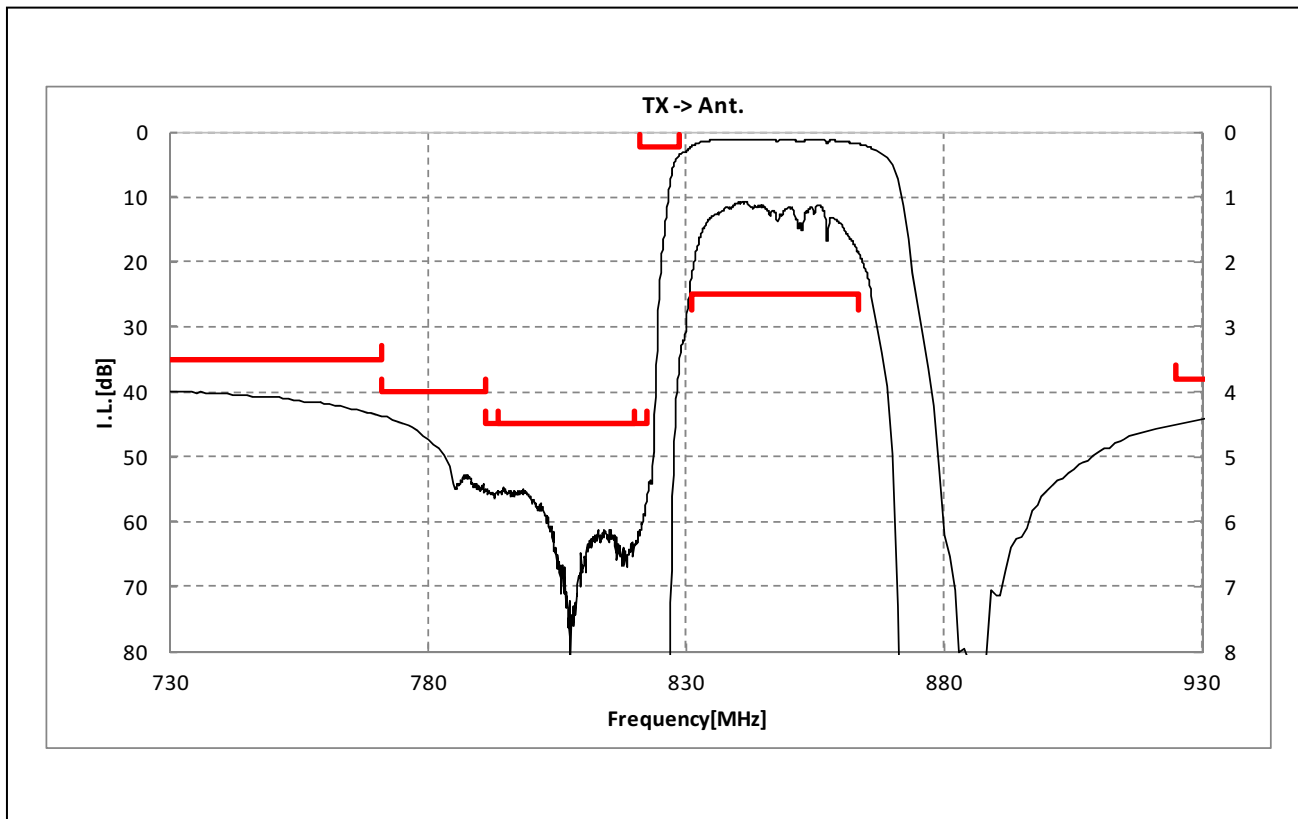




SAYEY806MBA0F0A ( Band20 / Unbalanced / LR / 1814 )

Electrical Characteristic

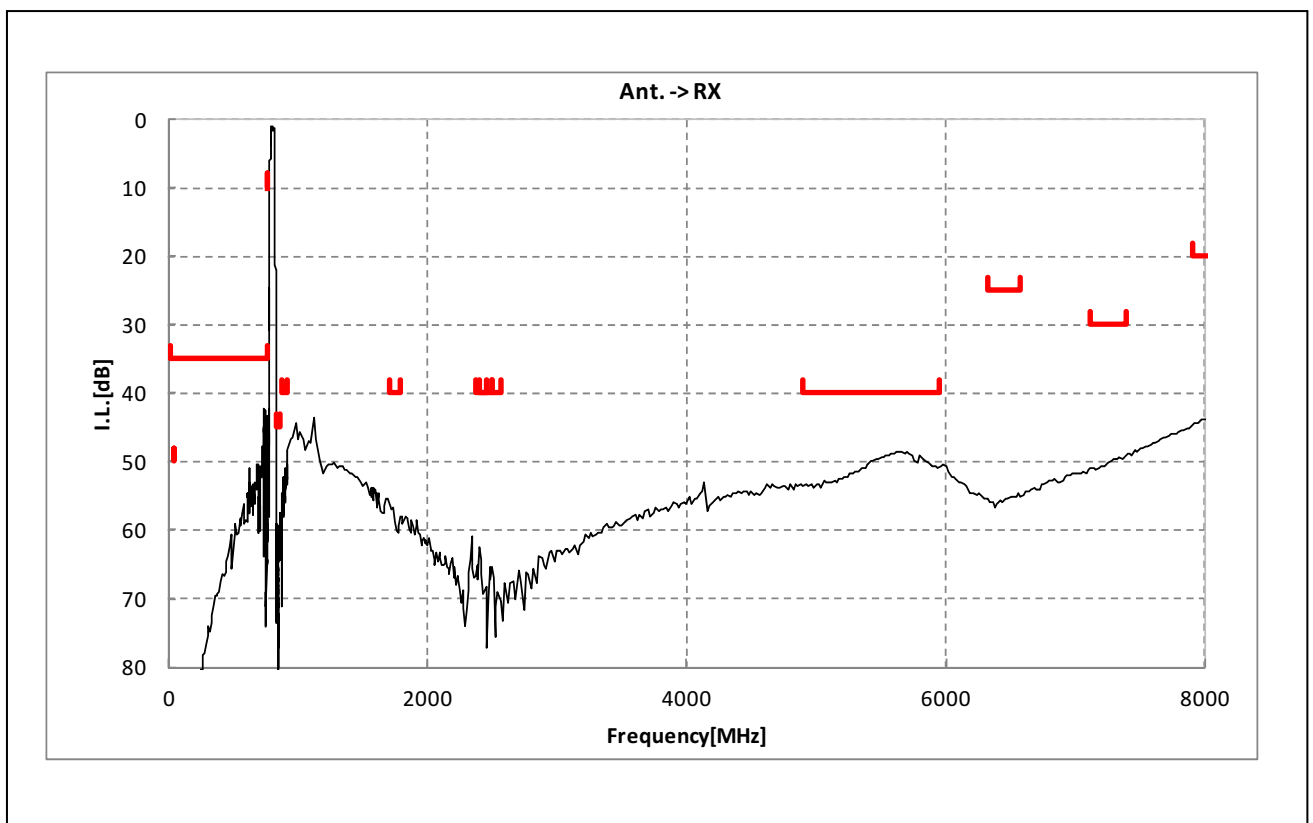
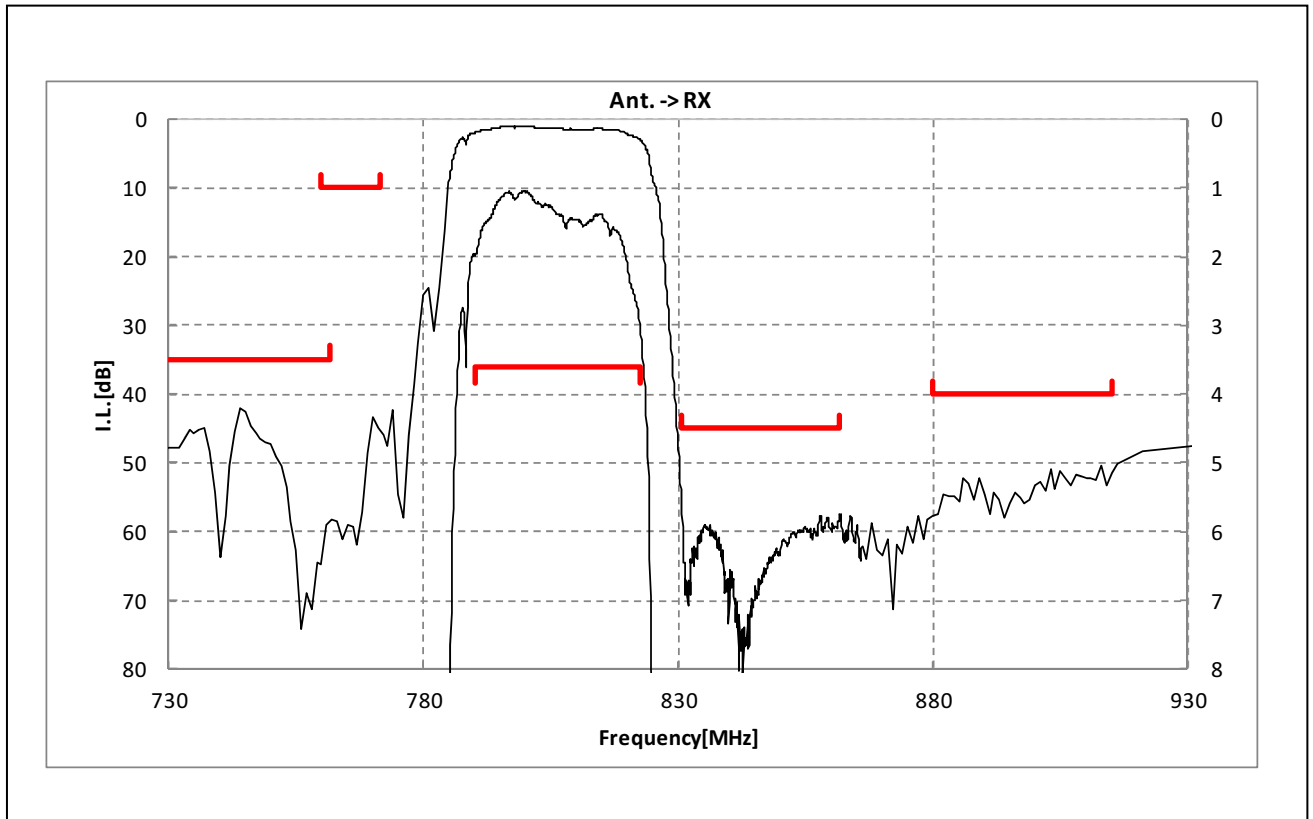
< TX→ANT. >



SAYEY806MBA0F0A ( Band20 / Unbalanced / LR / 1814 )

Electrical Characteristic

< ANT. → RX >

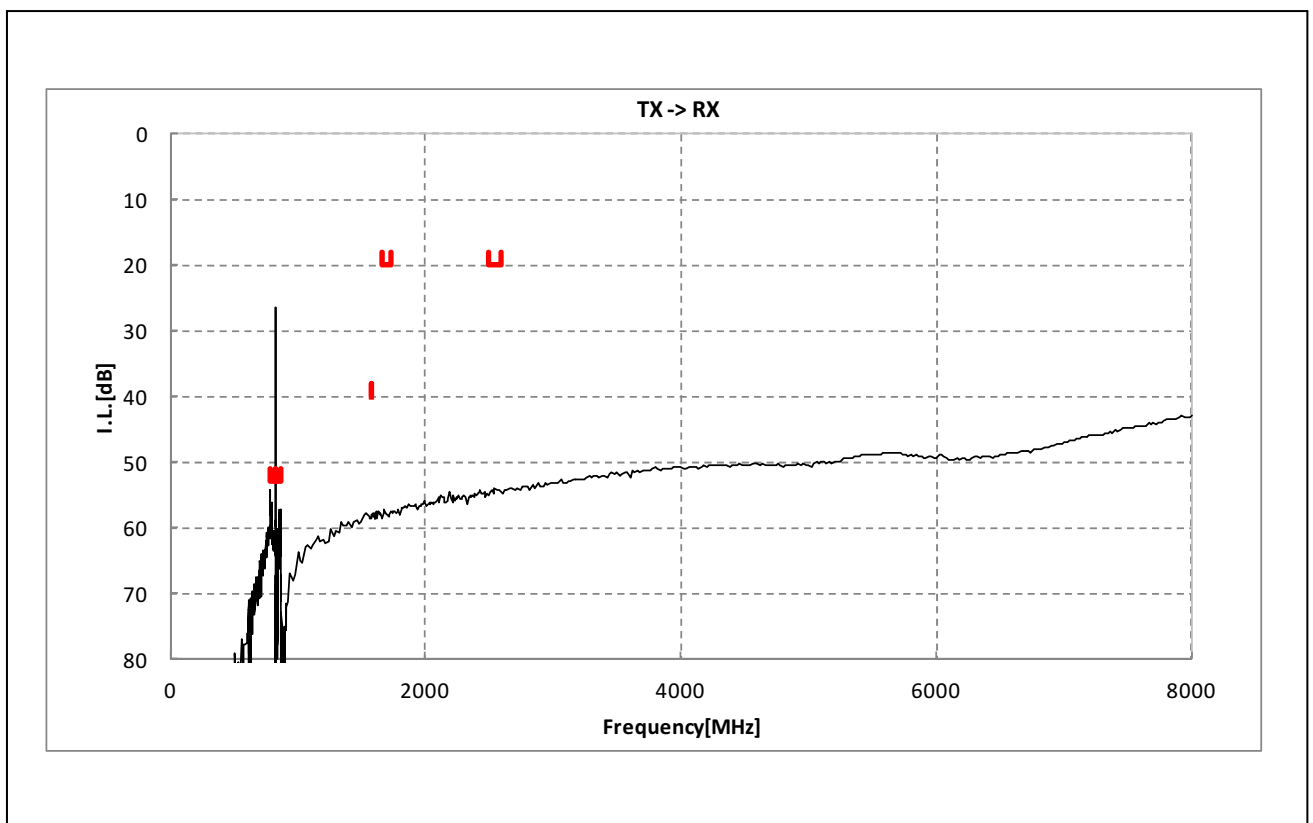
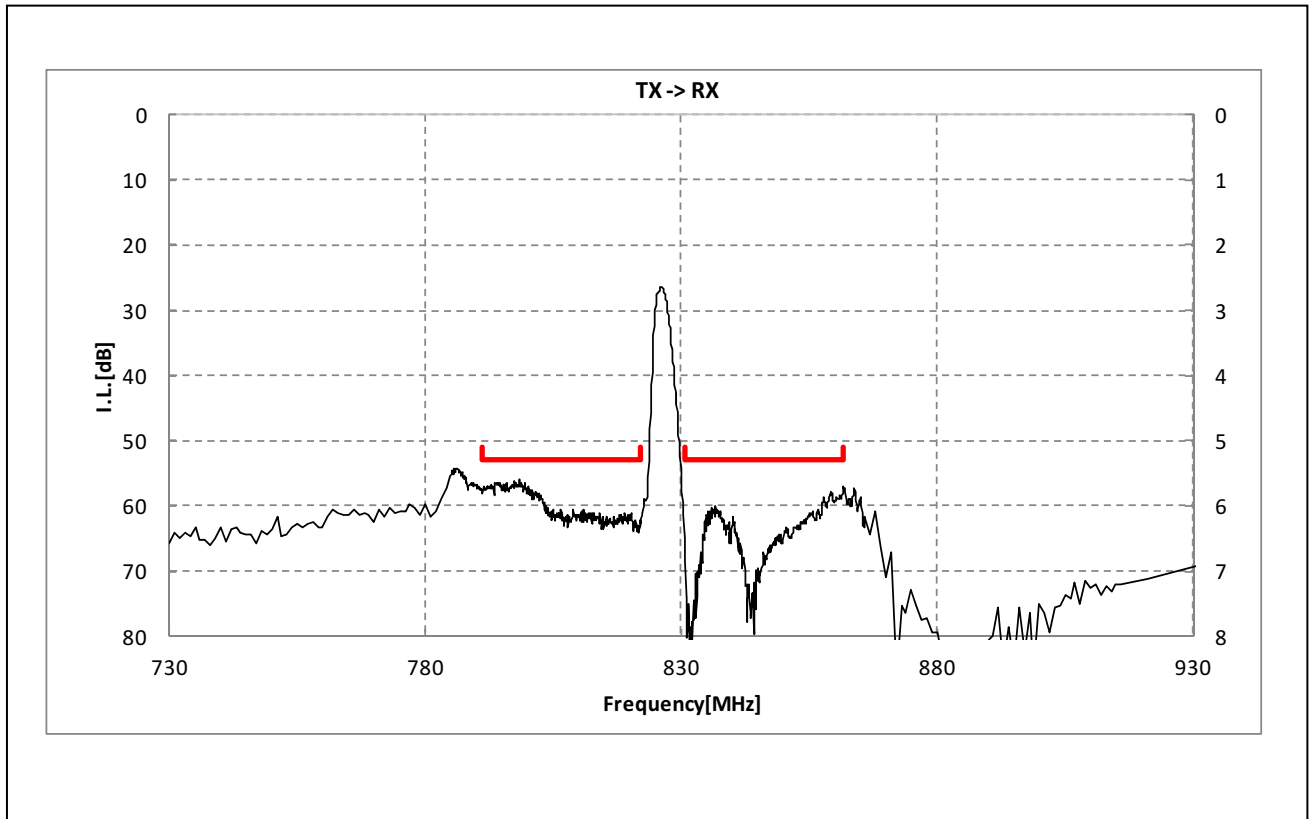




SAYEY806MBA0F0A ( Band20 / Unbalanced / LR / 1814 )

Electrical Characteristic

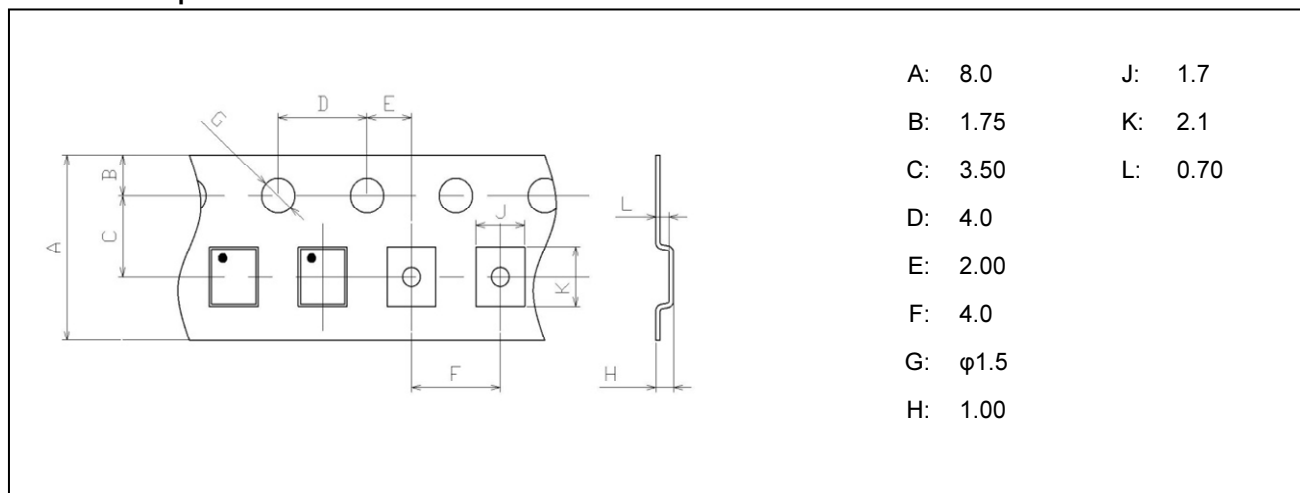
< TX→RX. >



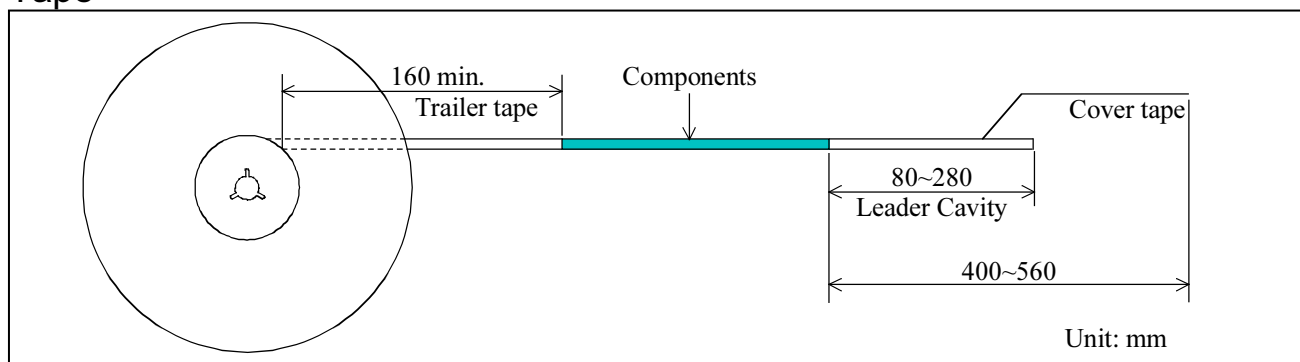
SAYEY806MBA0F0A ( Band20 / Unbalanced / LR / 1814 )

Dimensions of Tape & Reel unit: mm

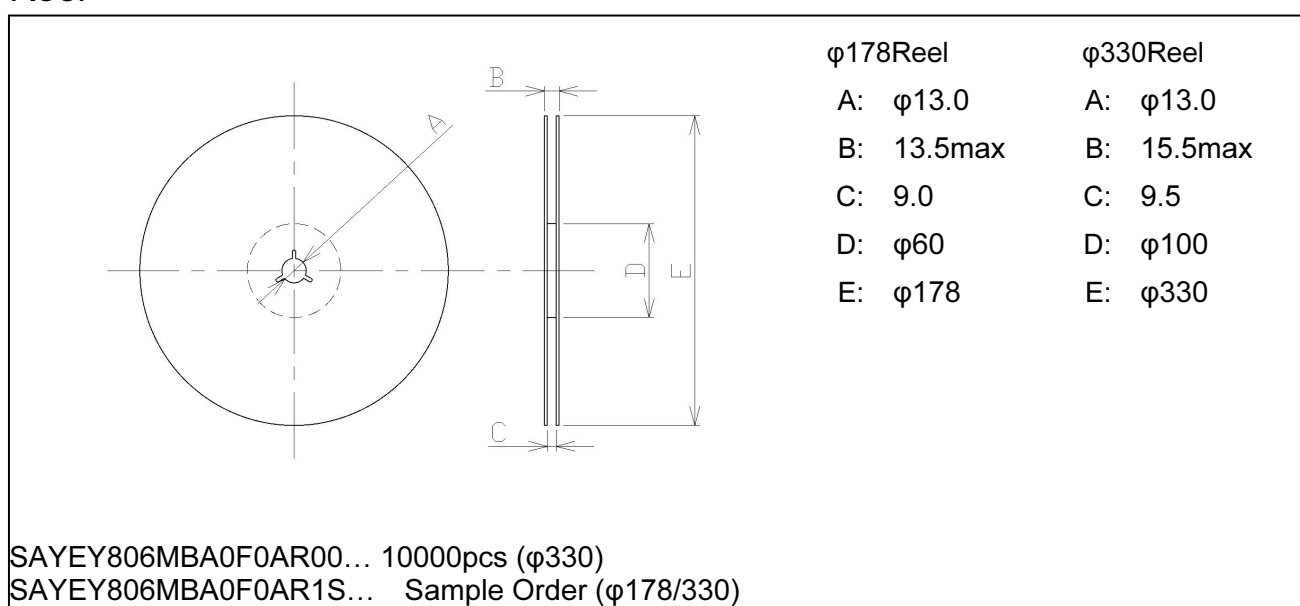
Carrier Tape



Tape



Reel



## SAYEY806MBA0F0A ( Band20 / Unbalanced / LR / 1814 )

## 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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- Transportation equipment (vehicles, trains, ships, elevator, etc.).
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- Disaster prevention / crime prevention equipment.
- Burning / explosion control equipment
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