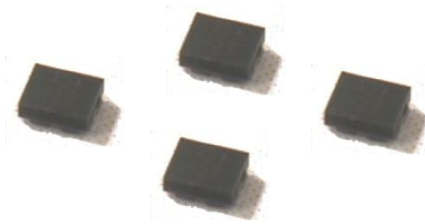




# Data Sheet of SAW Components



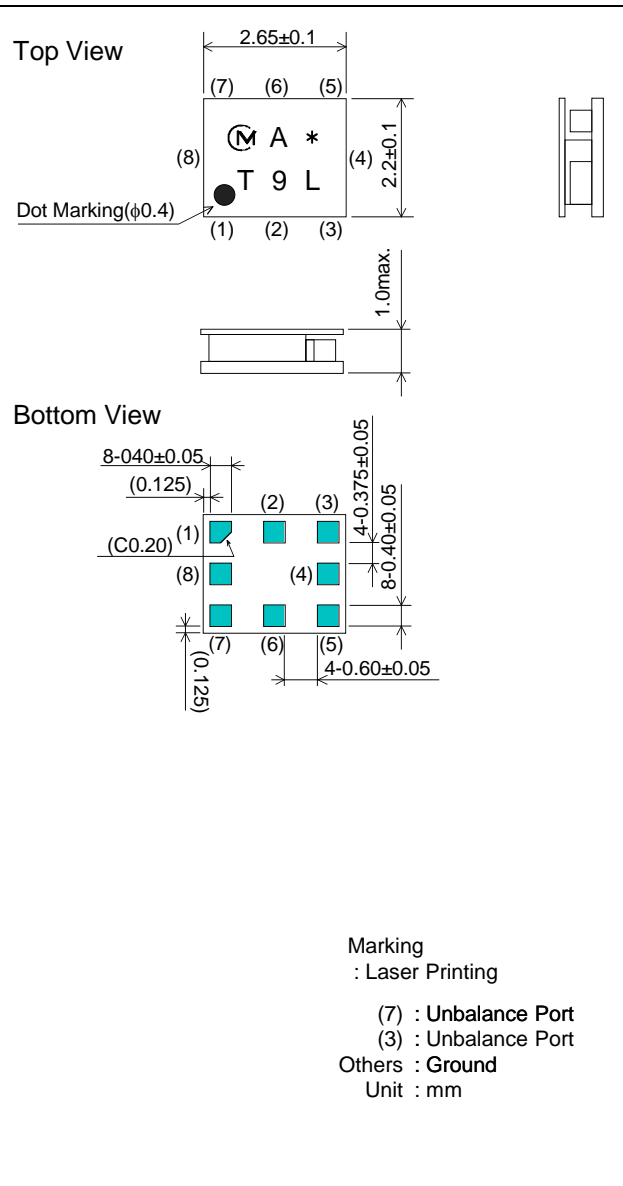
Note : Murata SAW Component is applicable for Cellular /Cordless phone (Terminal) relevant market only.

Please also read caution at the end of this document.

# SAW REJECTION FILTER FOR DECT

Murata part number : SAEHD1G89LA0F00

## Package Dimensions



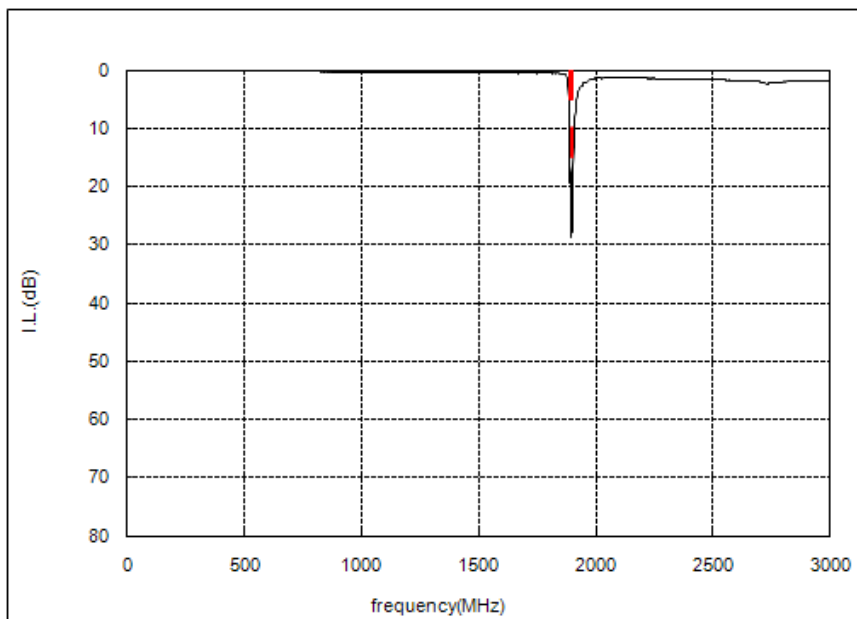
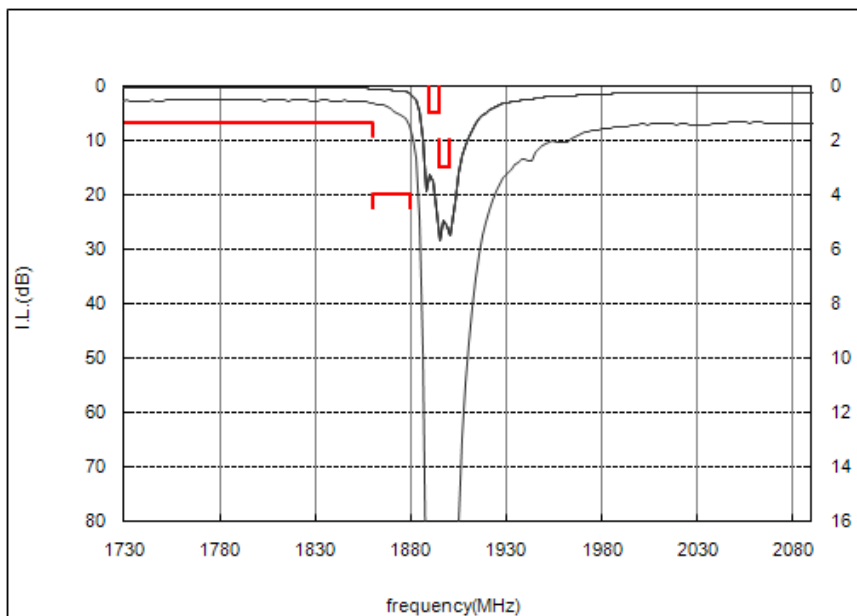
## Specification

Item	Specification	
	0 to 40°C	typ.
Nominal Center Frequency( $f_c$ )	1895 MHz	
Insertion Loss		
1) 880 to 960 MHz	1.0 dB max.	0.4 dB
2) 1710 to 1860 MHz	1.4 dB max.	0.8 dB
3) 1860 to 1880 MHz	4.0 dB max.	2.6 dB
4) 1890 to 1895 MHz	5 dB min.	16 dB
5) 1895 to 1900 MHz	15 dB min.	24 dB
Unbalance Port Impedance (nominal)	50Ω	
Input Signal Level		
880 to 915 MHz	+33dBm, 50000 hours	
880 to 915 MHz	+35dBm, 10 hours	
1710 to 1785 MHz	+30dBm, 50000 hours	
1710 to 1785 MHz	+32dBm, 10 hours	

# SAW REJECTION FILTER FOR DECT

Murata part number : SAEHD1G89LA0F00

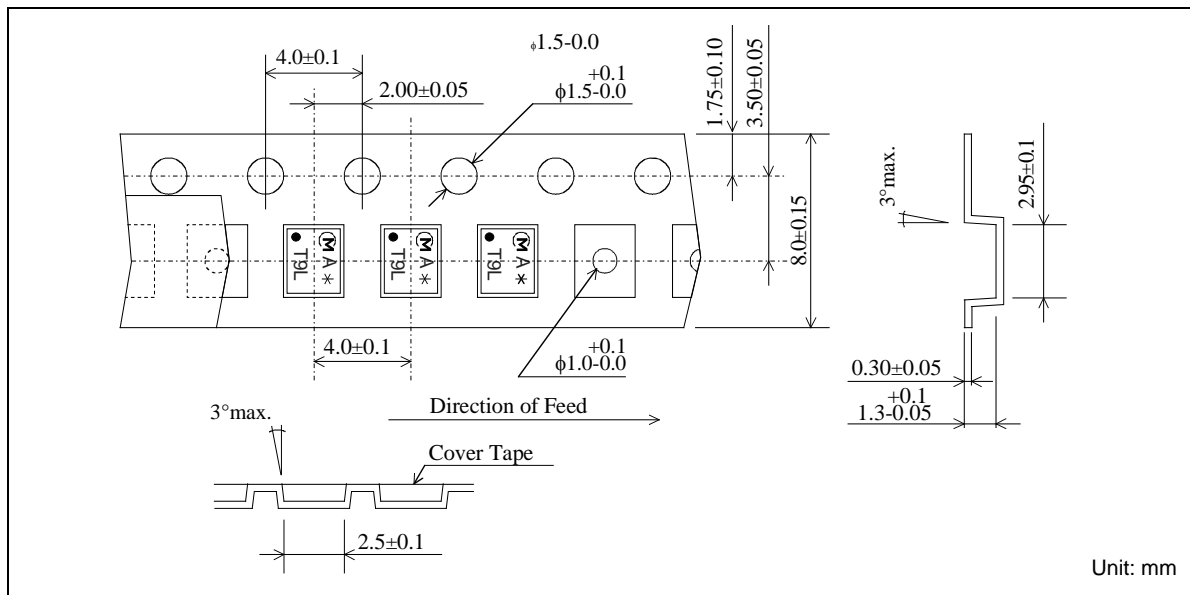
## Frequency Performance



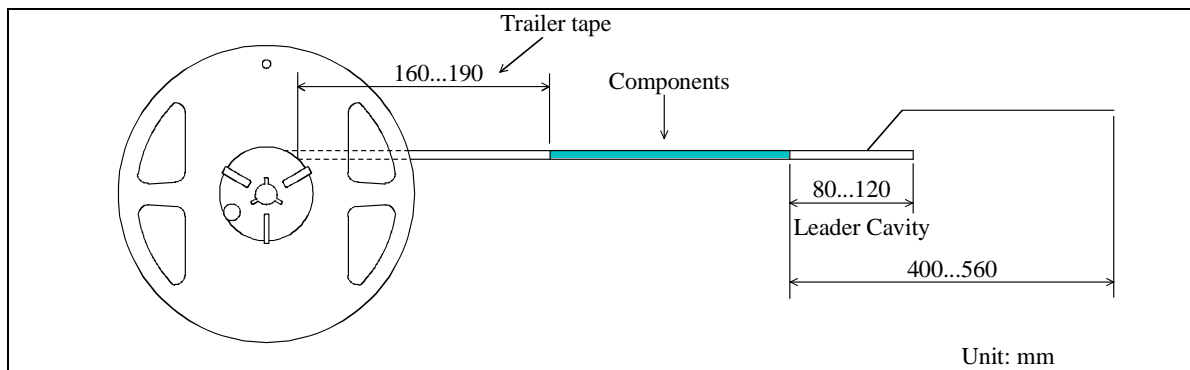
# SAW REJECTION FILTER FOR DECT

Murata part number : SAEHD1G89LA0F00

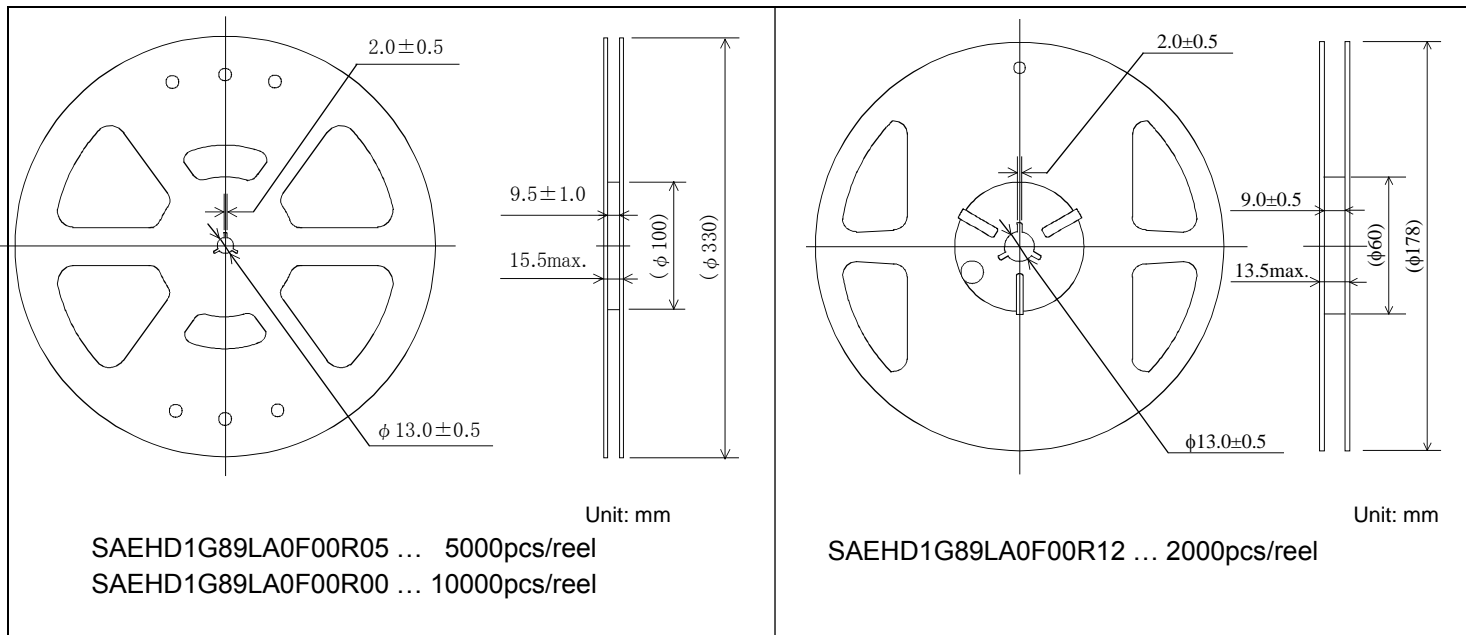
## Dimensions of Carrier Tape



## Dimensions of Tape



## Dimensions of Reel

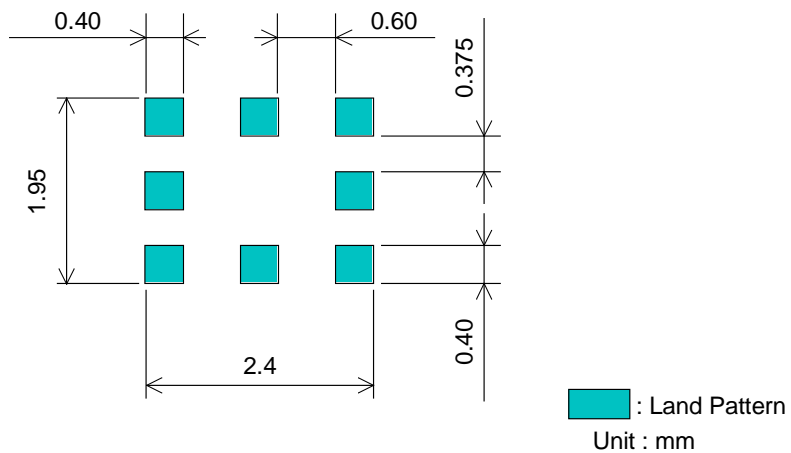


# SAW REJECTION FILTER FOR DECT

Murata part number : SAEHD1G89LA0F00

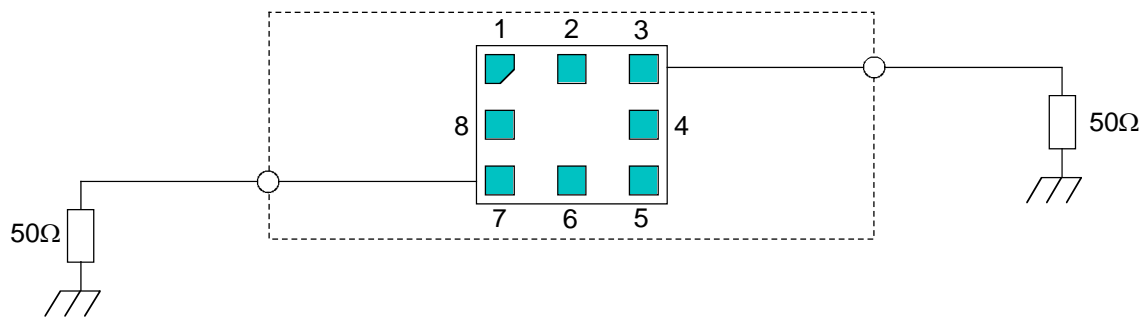
## Recommended Land Pattern

Top View



## Test Circuit

Bottom View



# SAW REJECTION FILTER FOR DECT

Murata part number : SAEHD1G89LA0F00

## ■ 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

Please contact us before using our products for the applications listed below which require especially for the prevention of defects which might directly cause damage to the third party's life, body or property.

- a. Aircraft equipment
- b. Aerospace equipment
- c. Undersea equipment
- d. Nuclear control equipment
- e. Medical equipment
- f. Transportation equipment (vehicles, trains, ships, etc.)
- g. Traffic signal equipment
- h. Disaster prevention / crime prevention equipment
- i. Data - processing equipment
- j. Application of similar complexity and / or reliability requirements to the applications listed in the above
- k. Automotive Electronics & Automotive Equipment

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- This PDF Datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please approve our product specifications or transact the approval sheet for product specifications before ordering.