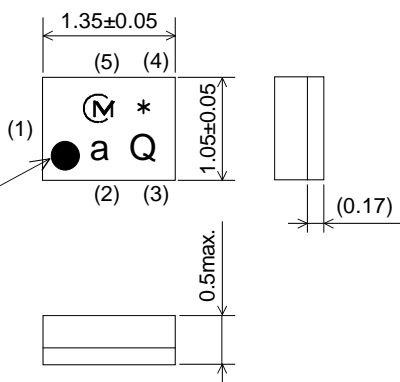


# SAW FILTER FOR TD-SCDMA

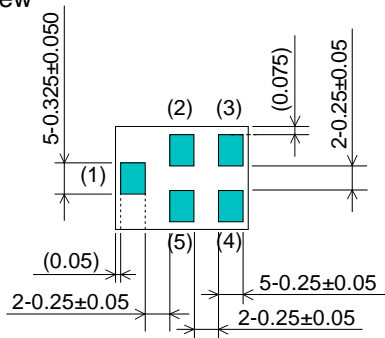
Murata part number : SAFEA2G01AL0F00

## Package Dimensions

Top View



Bottom View



Marking  
: Laser Printing

(1) : Unbalance Port  
(4) : Unbalance Port  
Others : Ground

Unit : mm

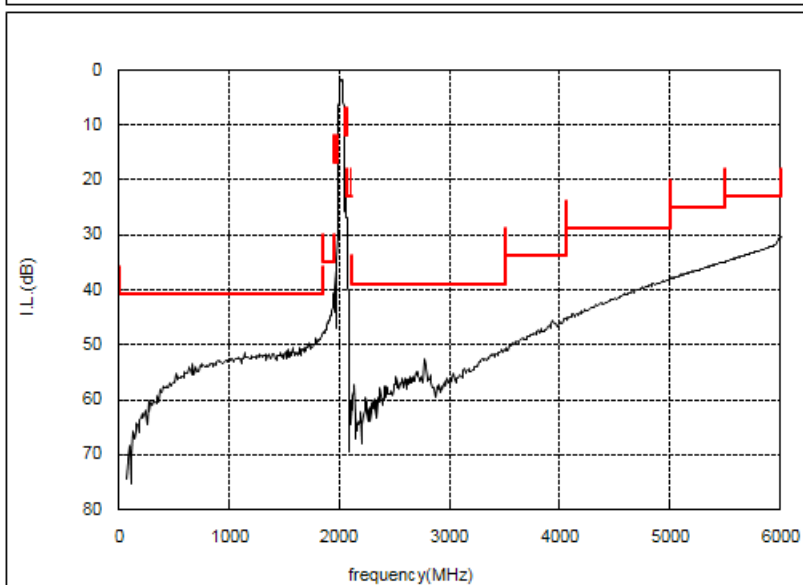
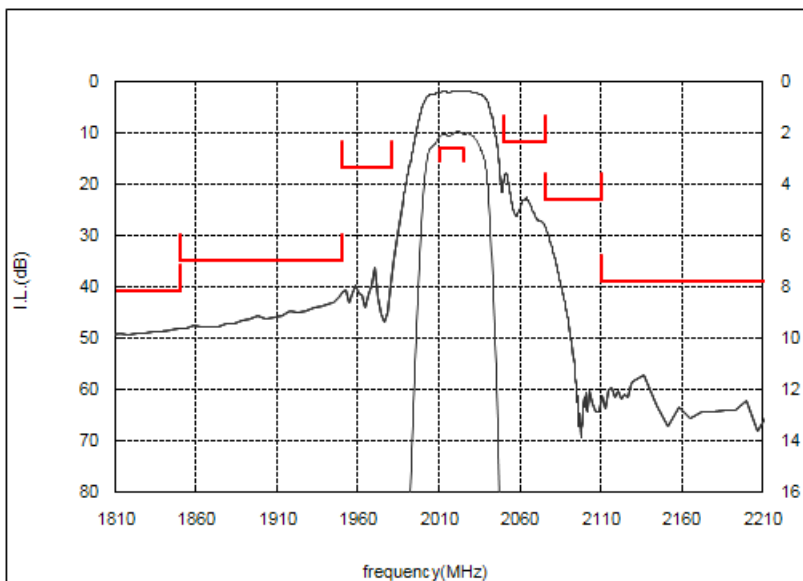
## Specification

Item	Specification		
	-30 to 85°C	25±2°C	typ.
Nominal Center Frequency(fc)	2017.5MHz		
Insertion Loss (2010 to 2025MHz)	2.6 dB max.	2.5 dB max.	2.2 dB
Absolute Attenuation			
1) 0.1 to 1850 MHz	41 dB min.	41 dB min.	45 dB
2) 1850 to 1950 MHz	35 dB min.	35 dB min.	39 dB
3) 1950 to 1980 MHz	17 dB min.	17 dB min.	36 dB
4) 2050 to 2075 MHz	12 dB min.	12 dB min.	19 dB
5) 2075 to 2110 MHz	23 dB min.	23 dB min.	29 dB
6) 2110 to 3500 MHz	39 dB min.	39 dB min.	45 dB
7) 3500 to 4060 MHz	34 dB min.	34 dB min.	41 dB
8) 4060 to 5000 MHz	29 dB min.	29 dB min.	34 dB
9) 5000 to 5500 MHz	25 dB min.	25 dB min.	30 dB
10) 5500 to 6000 MHz	23 dB min.	23 dB min.	27 dB
Ripple Deviation (2010 to 2025MHz)	1.0dB max.	1.0dB max.	0.2 dB
VSWR (2010 to 2025MHz)	1.7 max.	1.7 max.	1.2
Unbalance Port Matching Impedance (nominal)	50Ω		
Input Signal Level	20mW (+13dBm), 2000 hours		

# SAW FILTER FOR TD-SCDMA

Murata part number : SAFEA2G01AL0F00

## Frequency Performance



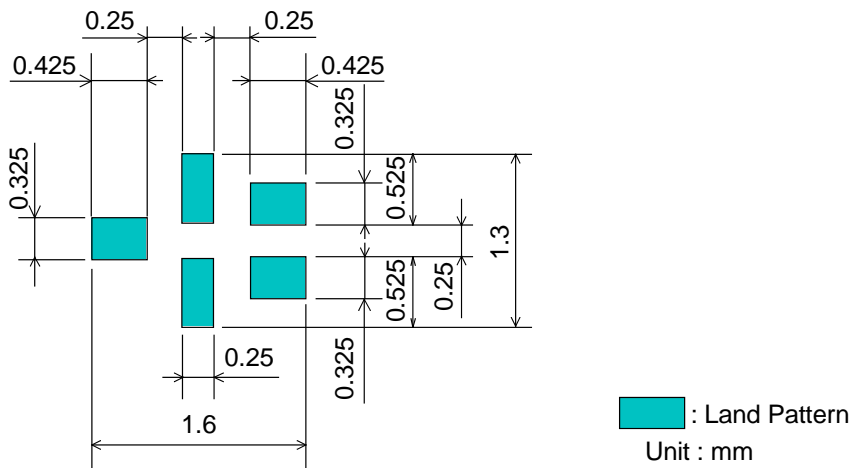


# SAW FILTER FOR TD-SCDMA

Murata part number : SAFEA2G01AL0F00

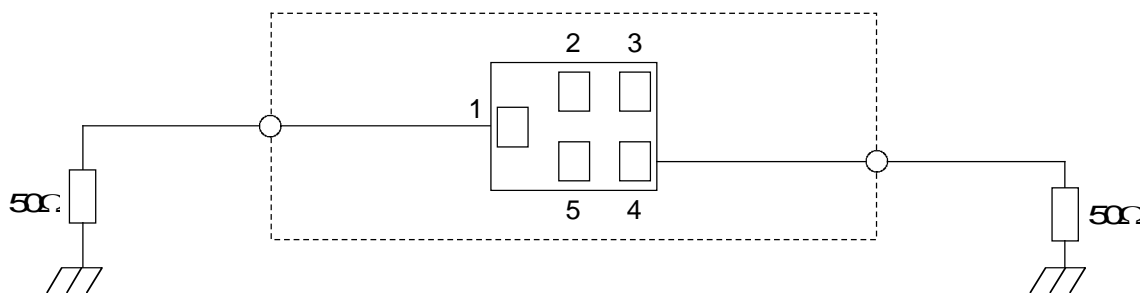
## Recommended Land Pattern

Top View



## Test Circuit

Bottom View



# SAW FILTER FOR TD-SCDMA

Murata part number : SAFEA2G01AL0F00

## ■ 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.