



Data Sheet of SAW Components



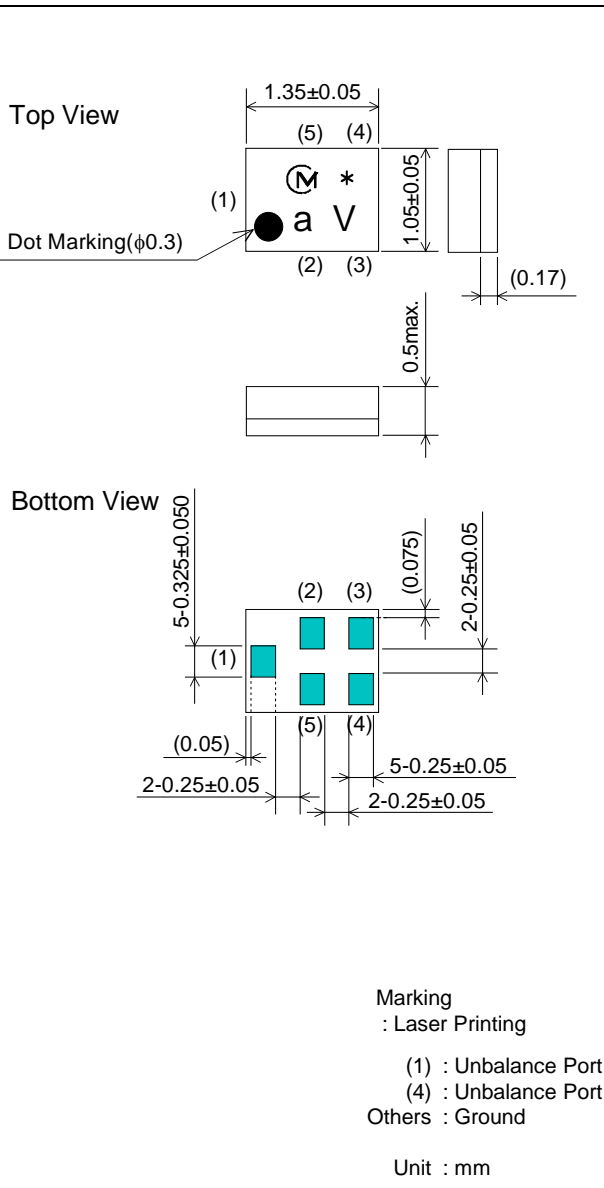
Note : Murata SAW Component is applicable for Cellular /Cordless phone (Terminal) relevant market only.

Please also read caution at the end of this document.

SAW FILTER FOR AWS/UMTS Band4 Rx

Murata part number : SAFEA2G13AA0F00

Package Dimensions



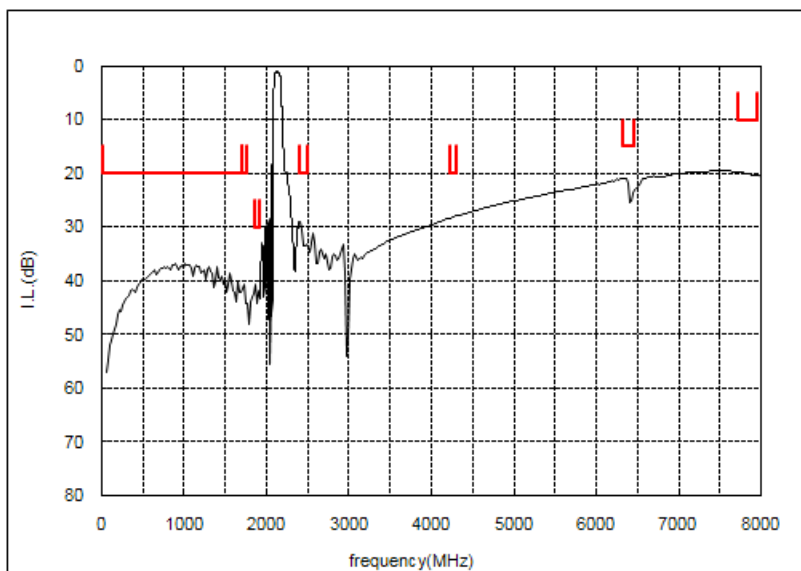
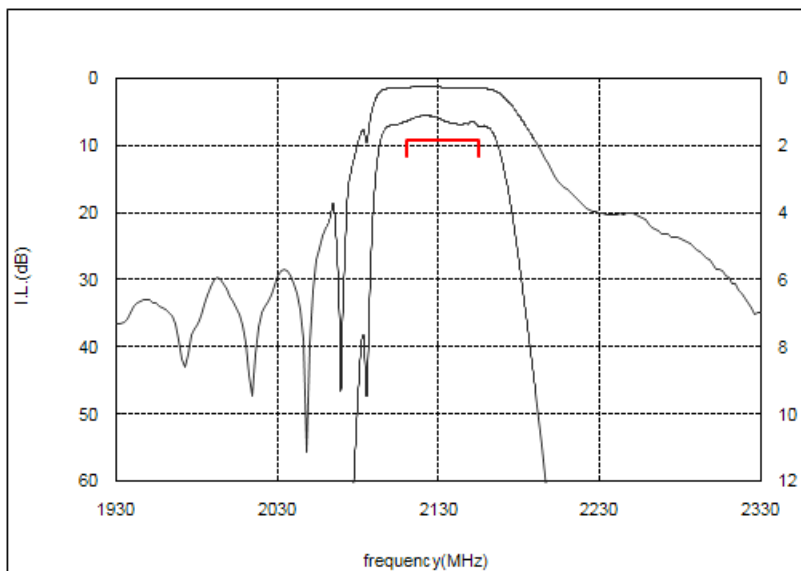
Specification

Item	Specification		
	-30 to 85°C	25±2°C	typ.
Nominal Center Frequency(fc)	2132.5MHz		
Insertion Loss (2110 to 2155MHz)	1.8 dB max.	1.6 dB max.	1.4 dB
Absolute Attenuation			
1) 10 to 1710 MHz	20 dB min.	20 dB min.	36 dB
2) 1710 to 1755 MHz	20 dB min.	20 dB min.	40 dB
3) 1850 to 1910 MHz	30 dB min.	30 dB min.	40 dB
4) 2400 to 2500 MHz	20 dB min.	20 dB min.	29 dB
5) 4220 to 4310 MHz	20 dB min.	20 dB min.	28 dB
6) 6330 to 6465 MHz	15 dB min.	15 dB min.	20 dB
7) 7720 to 7960 MHz	10 dB min.	10 dB min.	19 dB
Ripple Deviation (2110 to 2155MHz)	1.3 dB max.	1.2 dB max.	0.4dB
VSWR (2110 to 2155MHz)	2.0 max.	1.8 max.	1.6
Unbalance Port Matching Impedance (nominal)	50Ω		
Input Signal Level	20mW (+13dBm), 2000 hours		

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■ Frequency Performance

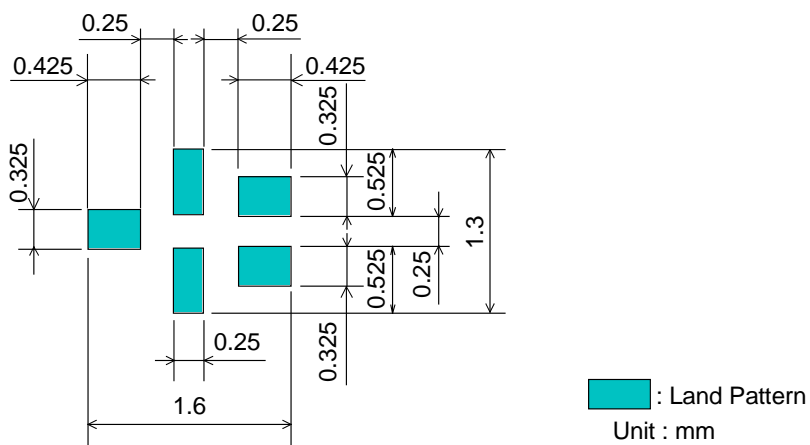


SAW FILTER FOR AWS/UMTS Band4 Rx

Murata part number : SAFEA2G13AA0F00

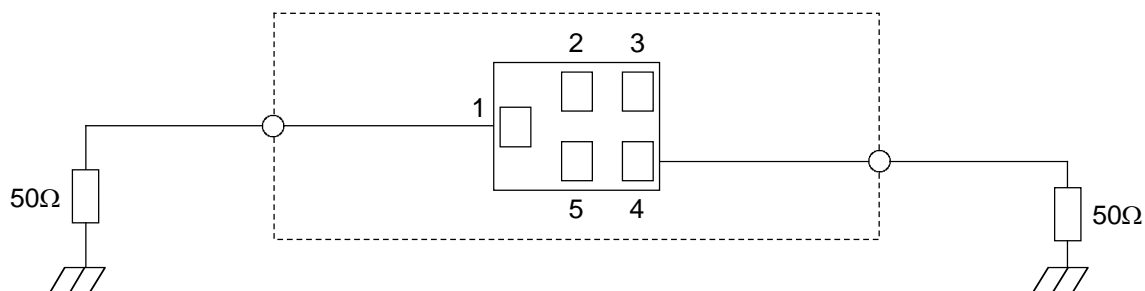
Recommended Land Pattern

Top View



Test Circuit

Bottom View



SAW FILTER FOR AWS/UMTS Band4 Rx

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■ 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.