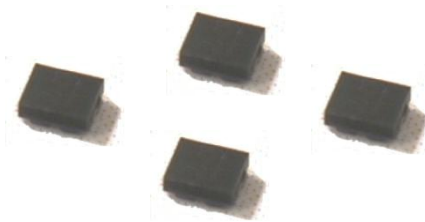




Data Sheet of SAW Components



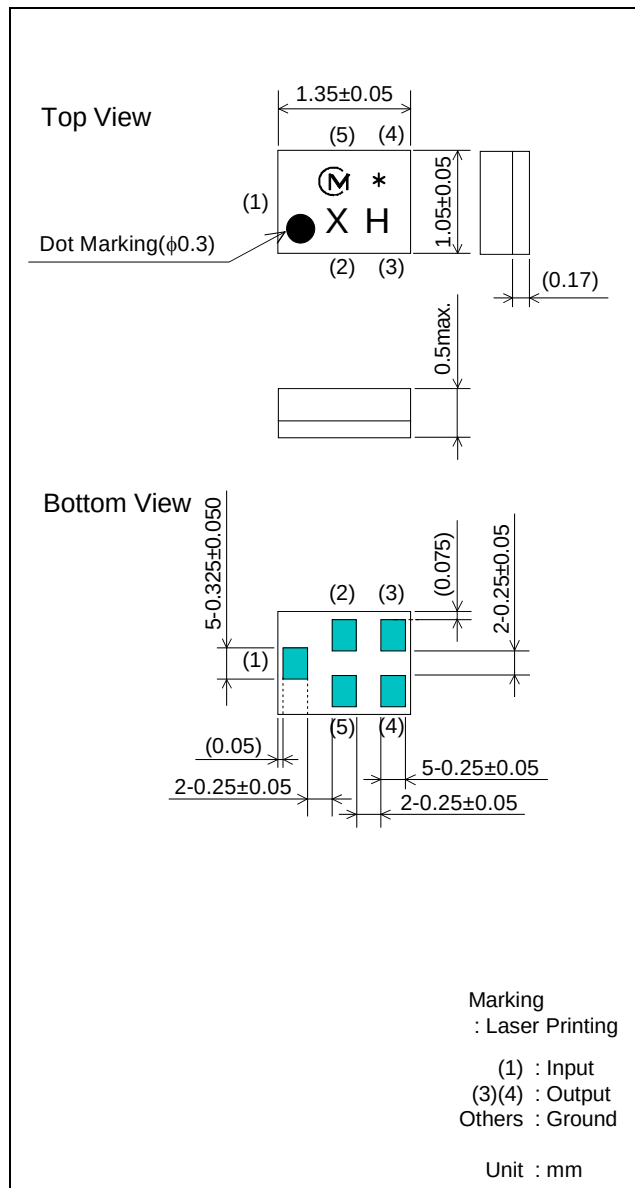
Note : Murata SAW Component is applicable for Cellular /Cordless phone (Terminal) relevant market only.

Please also read caution at the end of this document.

SAW FILTER FOR WiBro

Murata part number : SAFEA2G34FB0F00

Package Dimensions



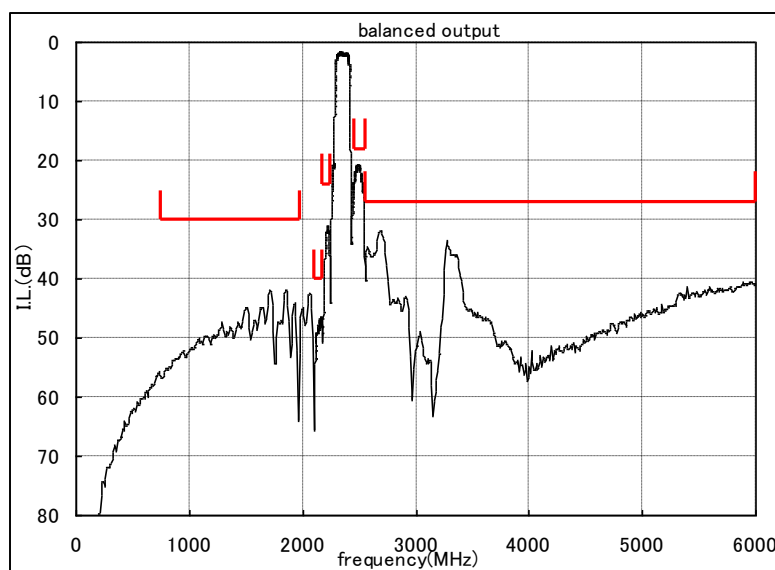
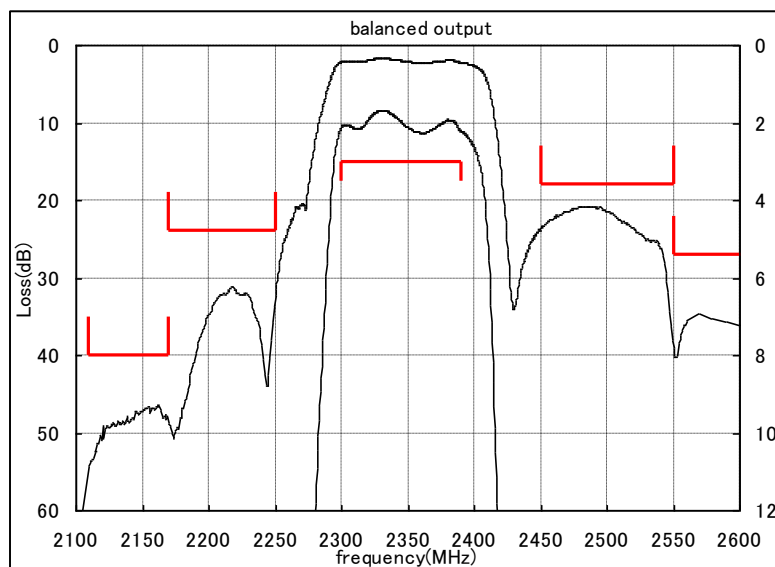
Specification

Item	Specification		
	-30 to 85°C	25±2°C	typ.
Nominal Center Frequency(fc)	2345MHz		
Insertion Loss (2300 to 2390MHz)	3.0 dB max.	2.5 dB max.	2.2 dB
Absolute Attenuation			
1) 750 to 1980 MHz	30 dB min.	30 dB min.	41 dB
2) 2110 to 2170 MHz	40 dB min.	40 dB min.	45 dB
3) 2170 to 2250 MHz	24 dB min.	24 dB min.	31 dB
4) 2450 to 2550 MHz	18 dB min.	18 dB min.	20 dB
5) 2550 to 6000 MHz	27 dB min.	30 dB min.	32 dB
Ripple Deviation (2300 to 2390MHz)	1.5dB max.	1.0dB max.	0.6 dB
VSWR (2300 to 2390MHz)	2.4 max.	2.2 max.	2.0
Amplitude Balance (2300 to 2390MHz)	±1.5dB max.	±1.5dB max.	+1.0dB
Phase Balance (2300 to 2390MHz)	180±10deg. max.	180±10deg. max.	180+6deg.
Input Impedance (nominal)	50Ω		
Output Impedance (nominal)	100Ω//15nH		
Input Signal Level	10mW (+10dBm), 8000 hours		

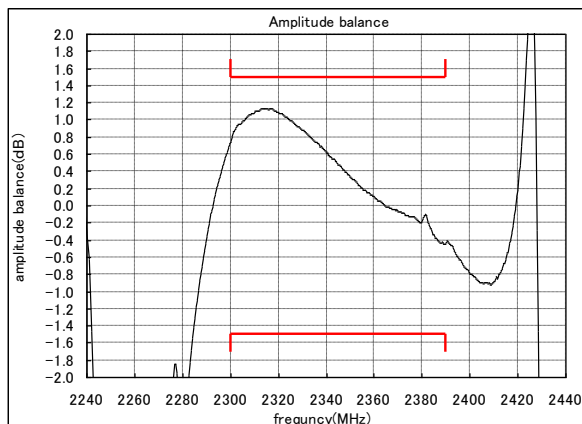
SAW FILTER FOR WiBro

Murata part number : SAFEA2G34FB0F00

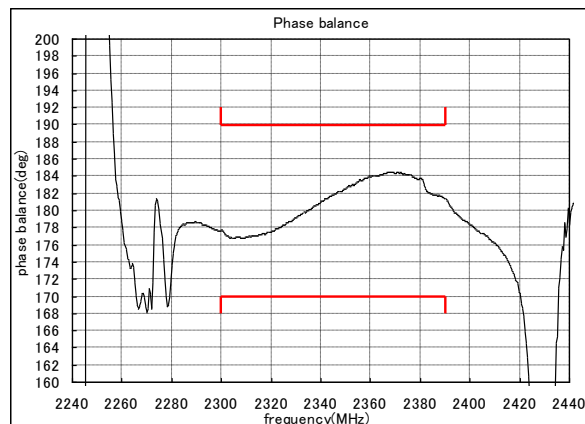
Frequency Performance



Amplitude balance



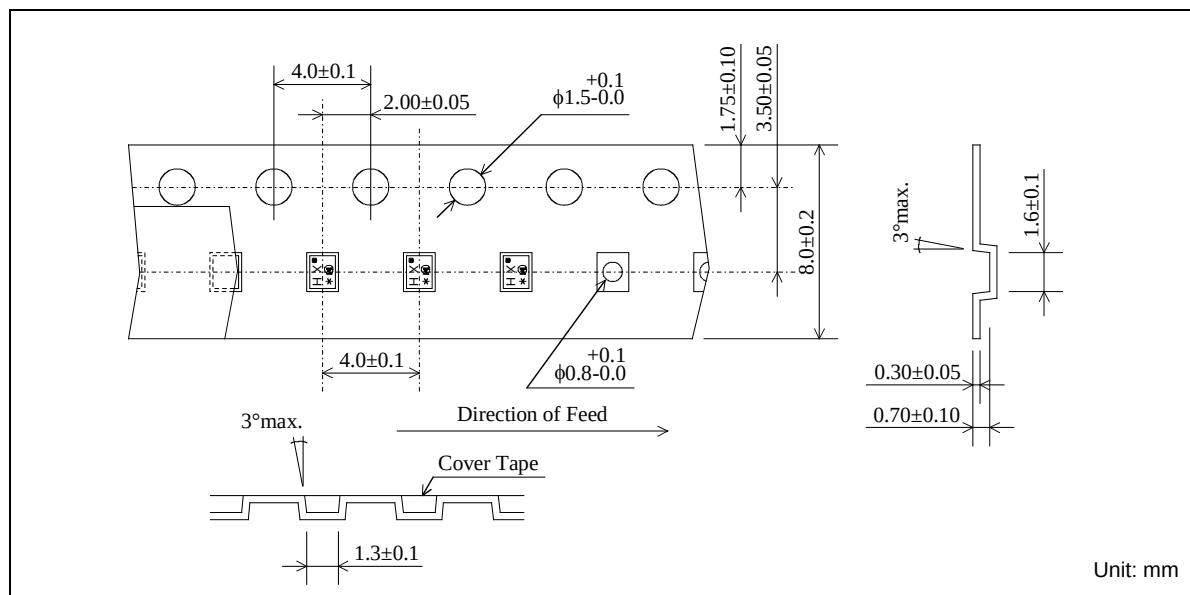
Phase balance



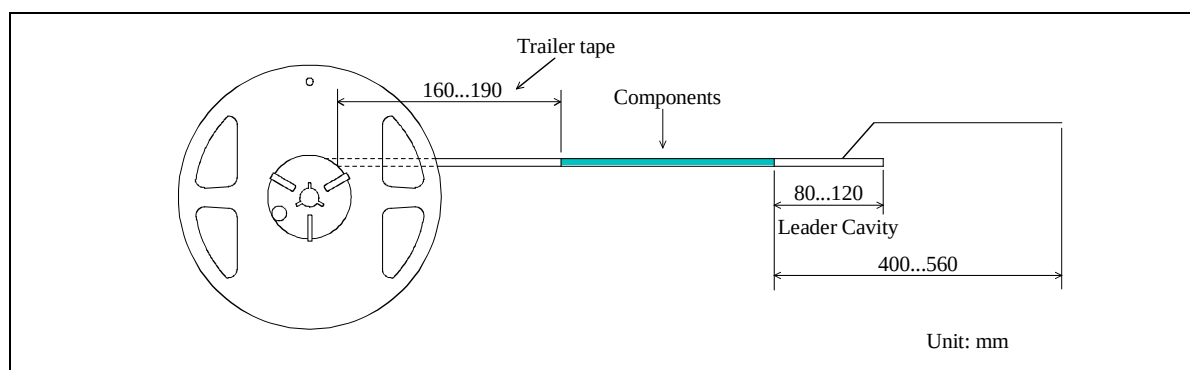
SAW FILTER FOR WiBro

Murata part number : SAFEA2G34FB0F00

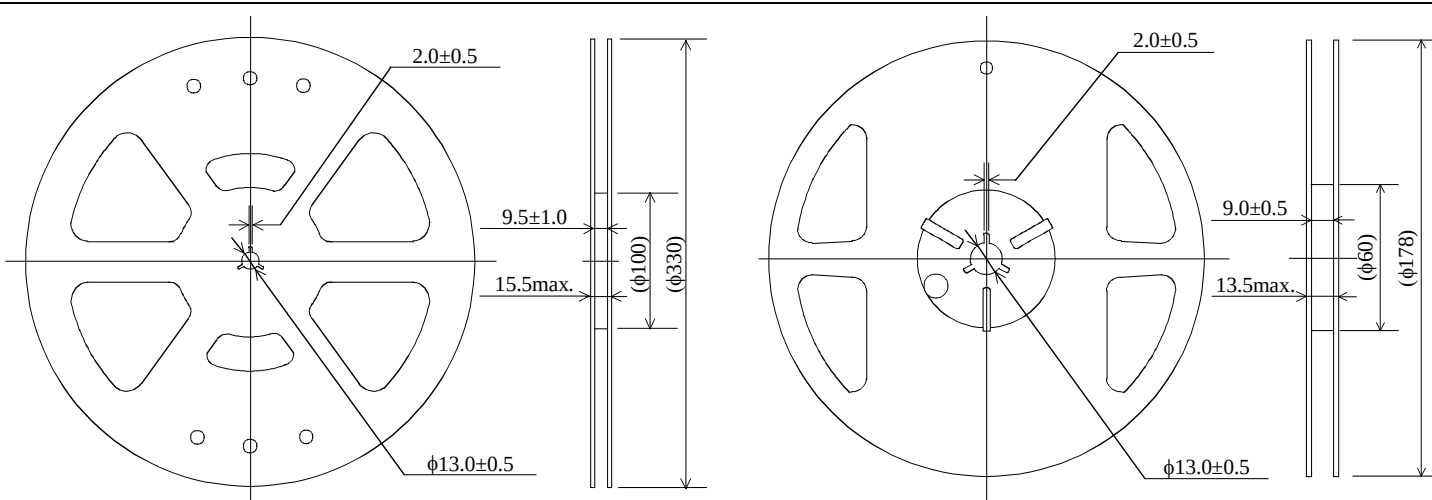
Dimensions of Carrier Tape



Dimensions of Tape



Dimensions of Reel



SAFEA2G34FB0F00R00 ... 10000pcs/reel

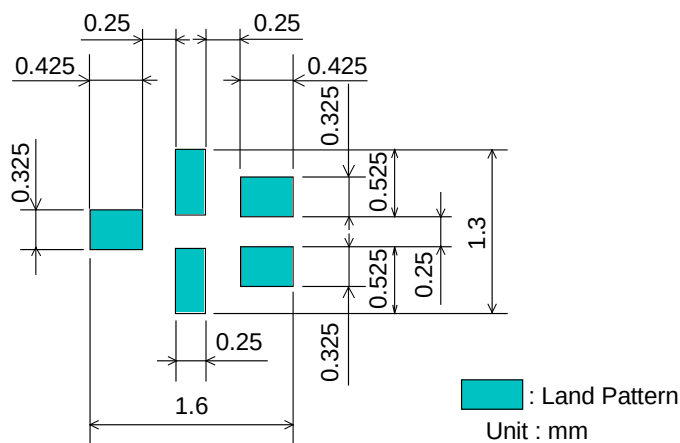
SAFEA2G34FB0F00R15 ... 5000pcs/reel

SAW FILTER FOR WiBro

Murata part number : SAFEA2G34FB0F00

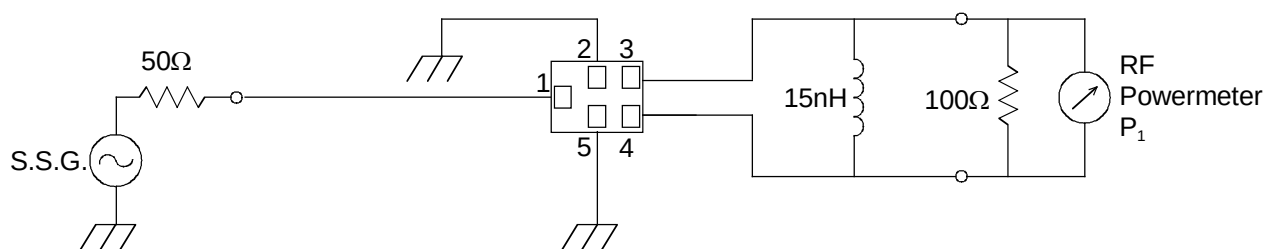
Recommended Land Pattern

Top View



Test Circuit

Bottom View



SAW FILTER FOR WiBro

Murata part number : SAFEA2G34FB0F00

■ 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.