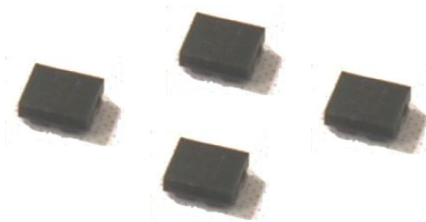




Data Sheet of SAW Components



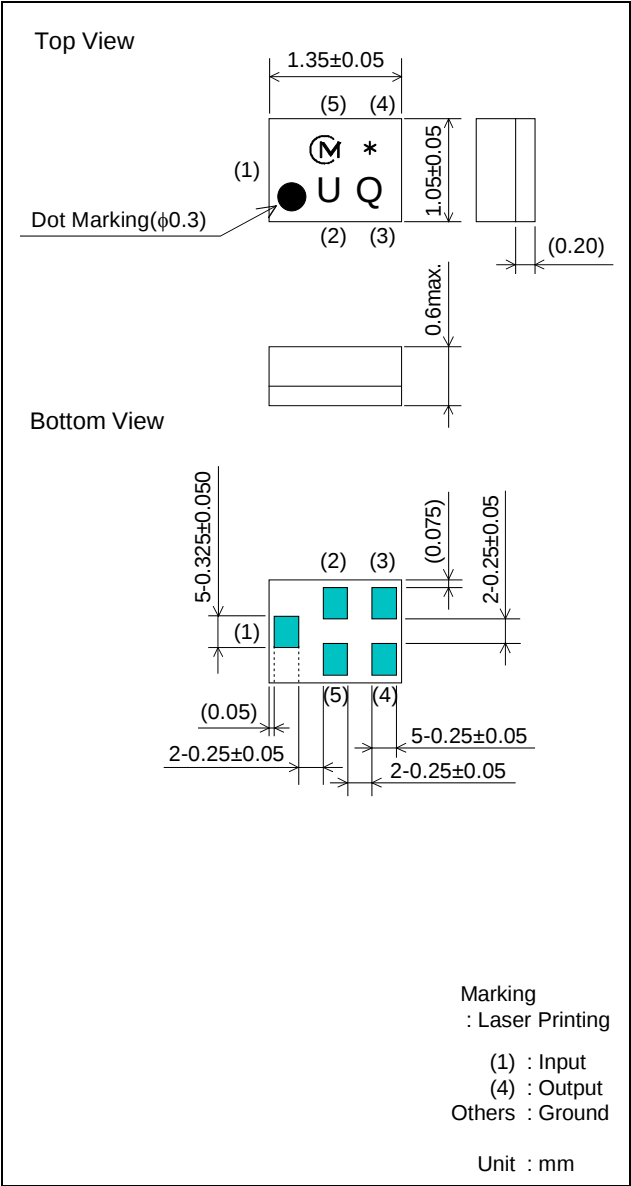
Note : Murata SAW Component is applicable for Cellular /Cordless phone (Terminal) relevant market only.

Please also read caution at the end of this document.

SAW FILTER FOR CDMA2100/UMTS BC1 Rx

Murata part number : SAFEB2G14AL0F00

Package Dimensions



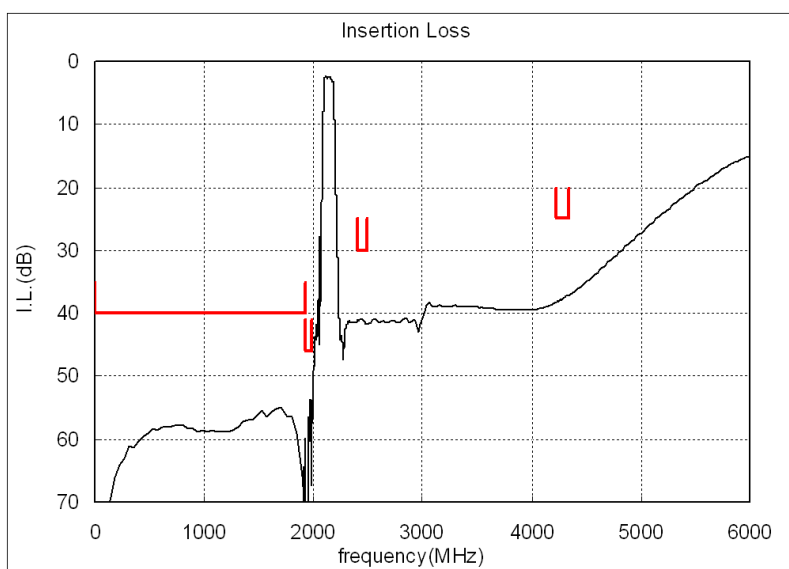
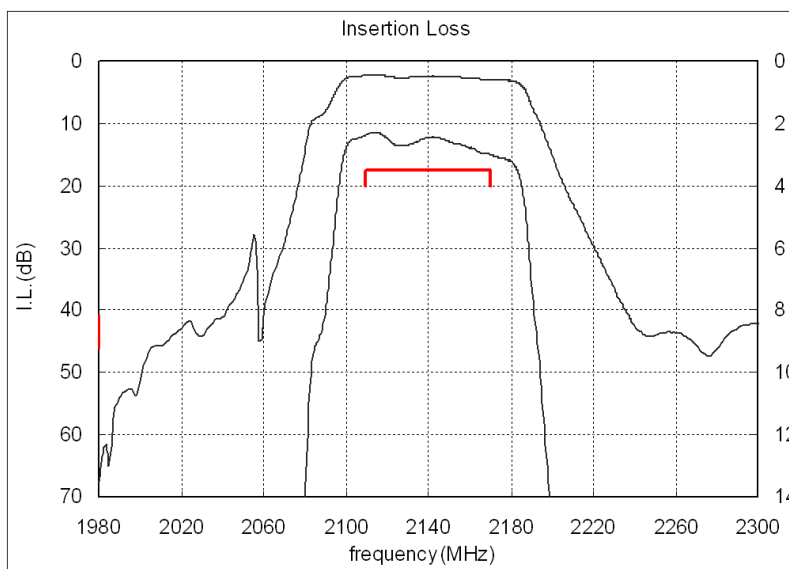
Specification

Item	Specification		
	-30 to 85°C	25±2°C	typ.
Nominal Center Frequency(fc)	2140MHz		
Insertion Loss (2110 to 2170MHz)	3.5 dB max.	3.3 dB max.	3.0 dB
Absolute Attenuation			
1) 0.1 to 1920 MHz	40 dB min.	40 dB min.	54 dB
2) 1920 to 1980 MHz	46 dB min.	46 dB min.	49 dB
3) 2400 to 2500 MHz	30 dB min.	30 dB min.	41 dB
4) 4220 to 4340 MHz	25 dB min.	25 dB min.	35 dB
Ripple Deviation (2110 to 2170MHz)	1.6 dB max.	1.4 dB max.	0.7 dB
VSWR (2110 to 2170MHz)	2.0 max.	1.9 max.	1.7
Input/Output Impedance (nominal)	50Ω		
Input Signal Level	10mW (+10Bm), 8000 hours		

SAW FILTER FOR CDMA2100/UMTS BC1 Rx

Murata part number : SAFEB2G14AL0F00

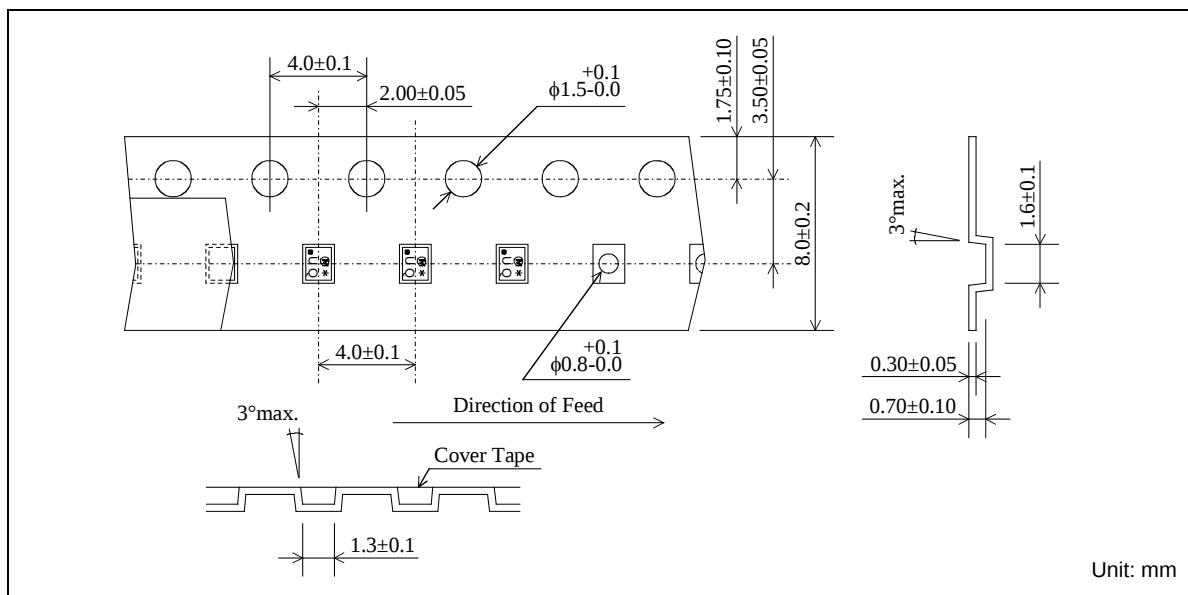
Frequency Performance



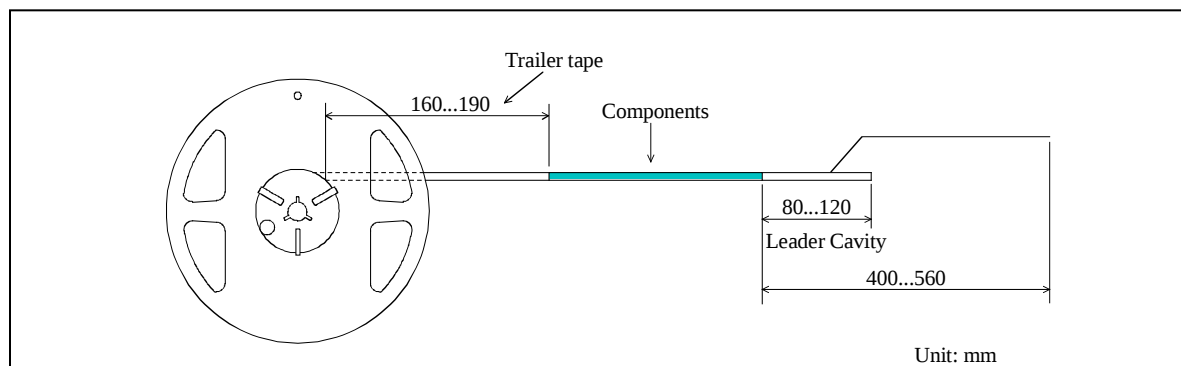
SAW FILTER FOR CDMA2100/UMTS BC1 Rx

Murata part number : SAFEB2G14AL0F00

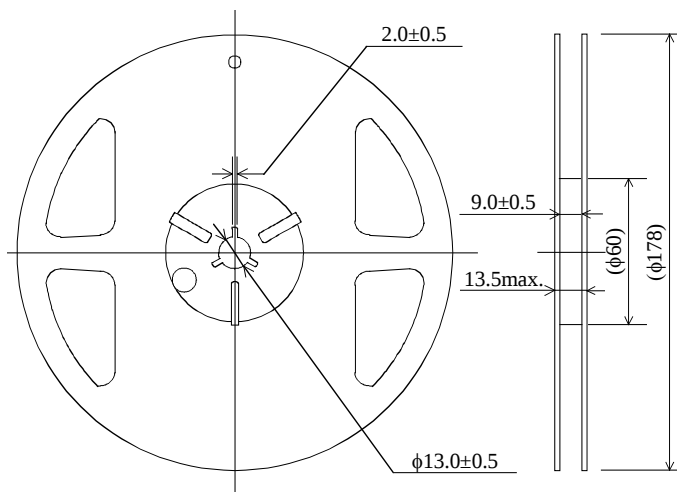
Dimensions of Carrier Tape



Dimensions of Tape



Dimensions of Reel



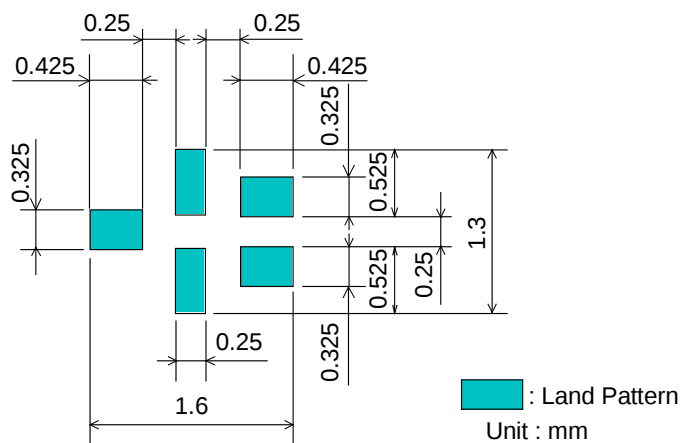
SAFEB2G14AL0F00R14 ... 4000pcs/reel
SAFEB2G14AL0F00R12 ... 2000pcs/reel

SAW FILTER FOR CDMA2100/UMTS BC1 Rx

Murata part number : SAFEB2G14AL0F00

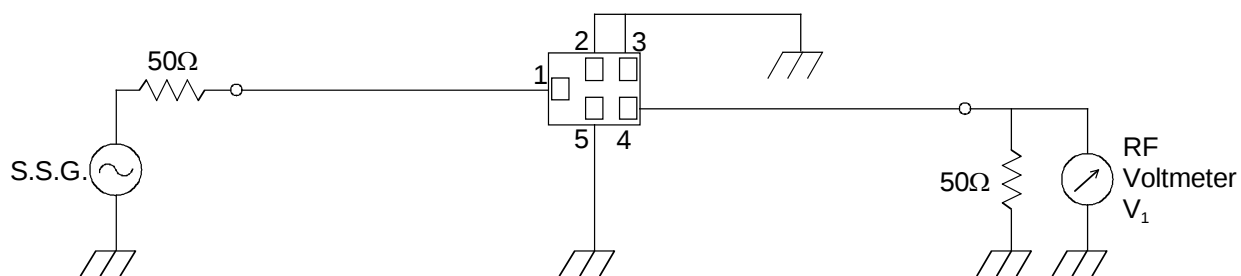
Recommended Land Pattern

Top View



Test Circuit

Bottom View



SAW FILTER FOR CDMA2100/UMTS BC1 Rx

Murata part number : SAFEB2G14AL0F00

■ 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.