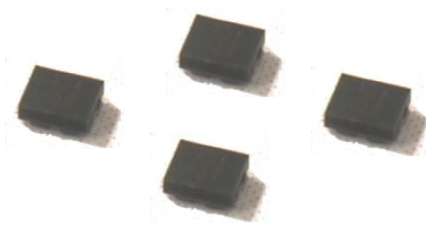




Data Sheet of SAW Components



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

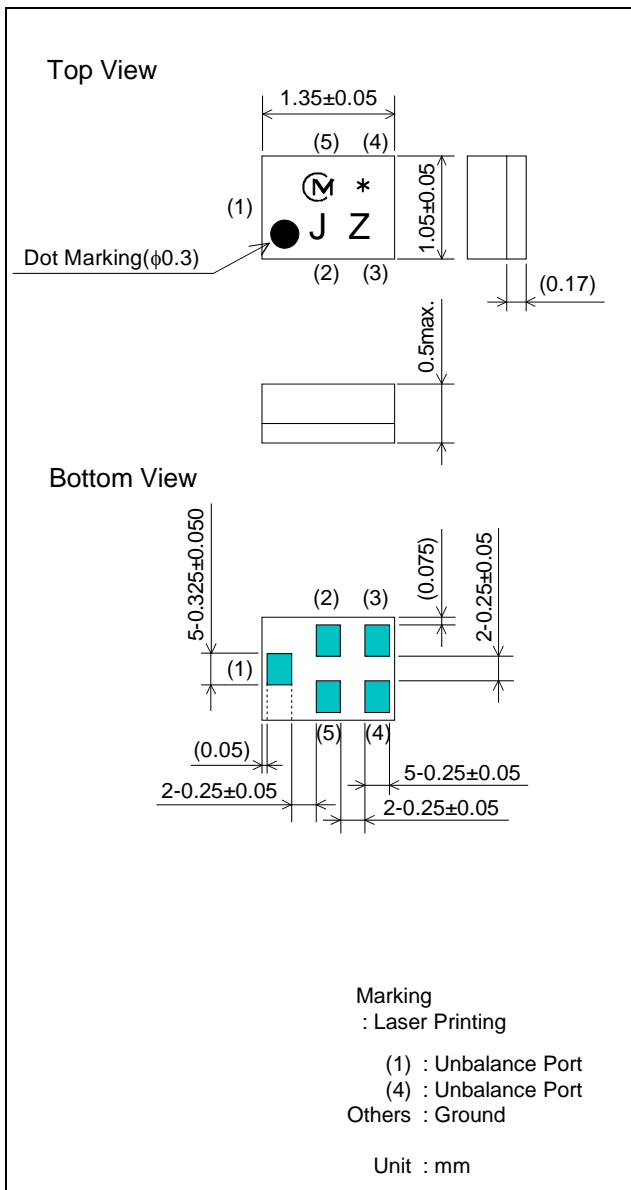
Please also read caution at the end of this document.

SAW FILTER FOR GPS

Murata part number :SAFEA1G57KH0F00

■ Package Dimensions

■ Specification

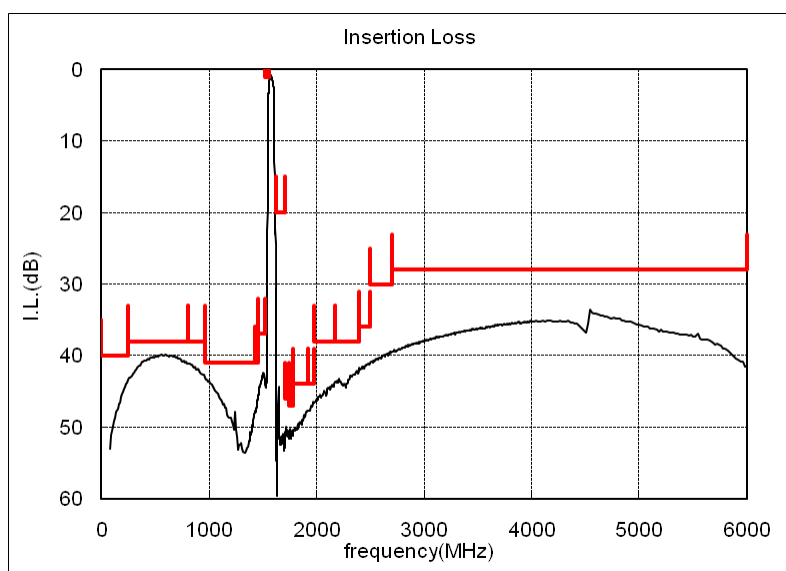
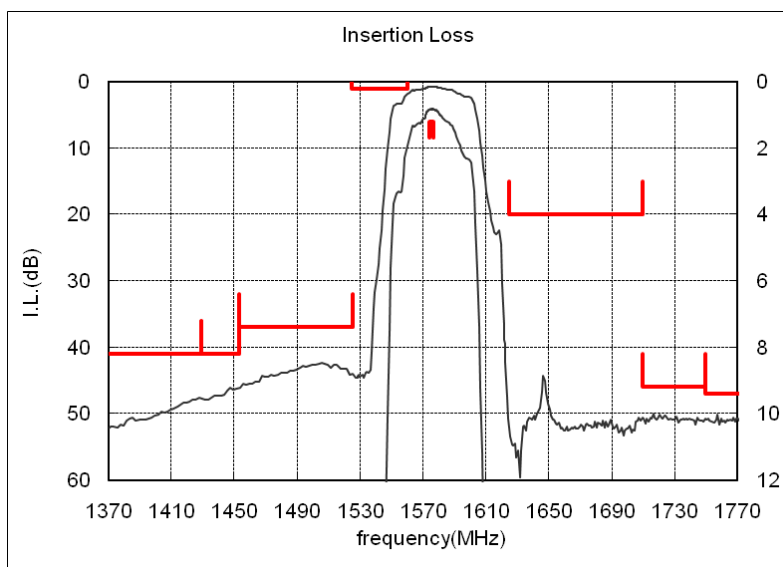


Item	Specification		
	-30 to 85°C	25±2°C	typ.
Nominal Center Frequency(fc)	1575.42MHz		
Insertion Loss (1573.92 to 1576.92MHz)	1.2 dB max.	1.1 dB max.	0.87 dB
Absolute Attenuation			
1) 0.1 to 250 MHz	40 dB min.	40 dB min.	44 dB
2) 250 to 810 MHz	38 dB min.	38 dB min.	40 dB
3) 810 to 960 MHz	38 dB min.	38 dB min.	41 dB
4) 960 to 1429 MHz	41 dB min.	41 dB min.	43 dB
5) 1429 to 1453 MHz	41 dB min.	41 dB min.	47 dB
6) 1453 to 1525.42 MHz	37 dB min.	37 dB min.	43 dB
7) 1525 to 1560 MHz	1.1 dB min.	1.1 dB min.	2.1 dB
8) 1625 to 1710 MHz	20 dB min.	20 dB min.	48 dB
9) 1710 to 1749.9 MHz	46 dB min.	46 dB min.	51 dB
10) 1749.9 to 1785 MHz	47 dB min.	47 dB min.	51 dB
11) 1785 to 1920 MHz	44 dB min.	44 dB min.	49 dB
12) 1920 to 1980 MHz	44 dB min.	44 dB min.	48 dB
13) 1980 to 2170 MHz	38 dB min.	38 dB min.	44 dB
14) 2170 to 2400 MHz	38 dB min.	38 dB min.	43 dB
15) 2400 to 2500 MHz	36 dB min.	36 dB min.	41 dB
16) 2500 to 2700 MHz	30 dB min.	30 dB min.	40 dB
17) 2700 to 6000 MHz	28 dB min.	28 dB min.	31 dB
Ripple Deviation (1573.92 to 1576.92MHz)	0.6 dB max.	0.5 dB max.	0.04 dB
VSWR (1573.92 to 1576.92MHz)	1.7 max.	1.5 max.	1.1
Input Signal Level	20mW (+13dBm), 2000 hours		

SAW FILTER FOR GPS

Murata part number :SAFEA1G57KH0F00

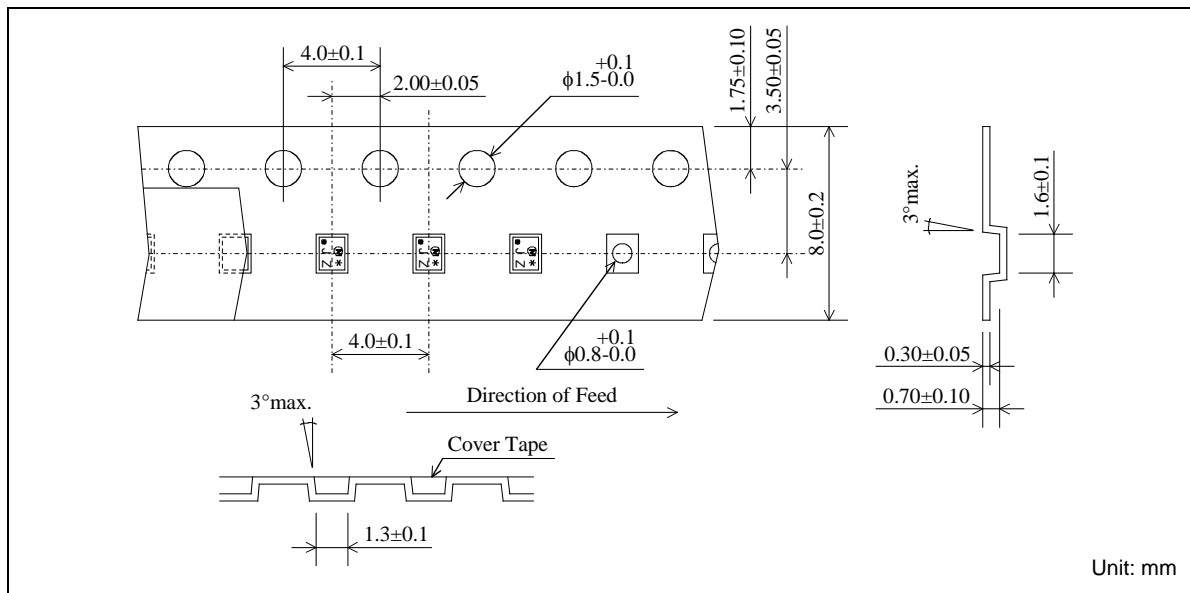
■ Frequency Performance



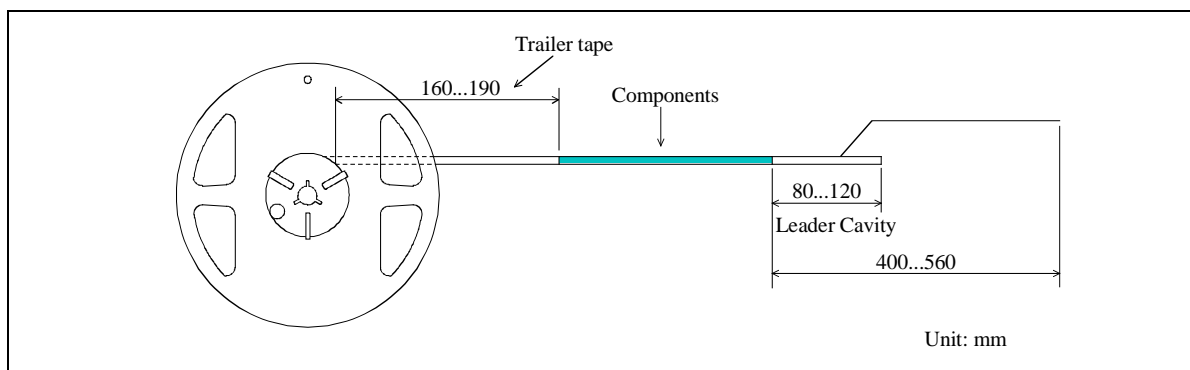
SAW FILTER FOR GPS

Murata part number :SAFEA1G57KH0F00

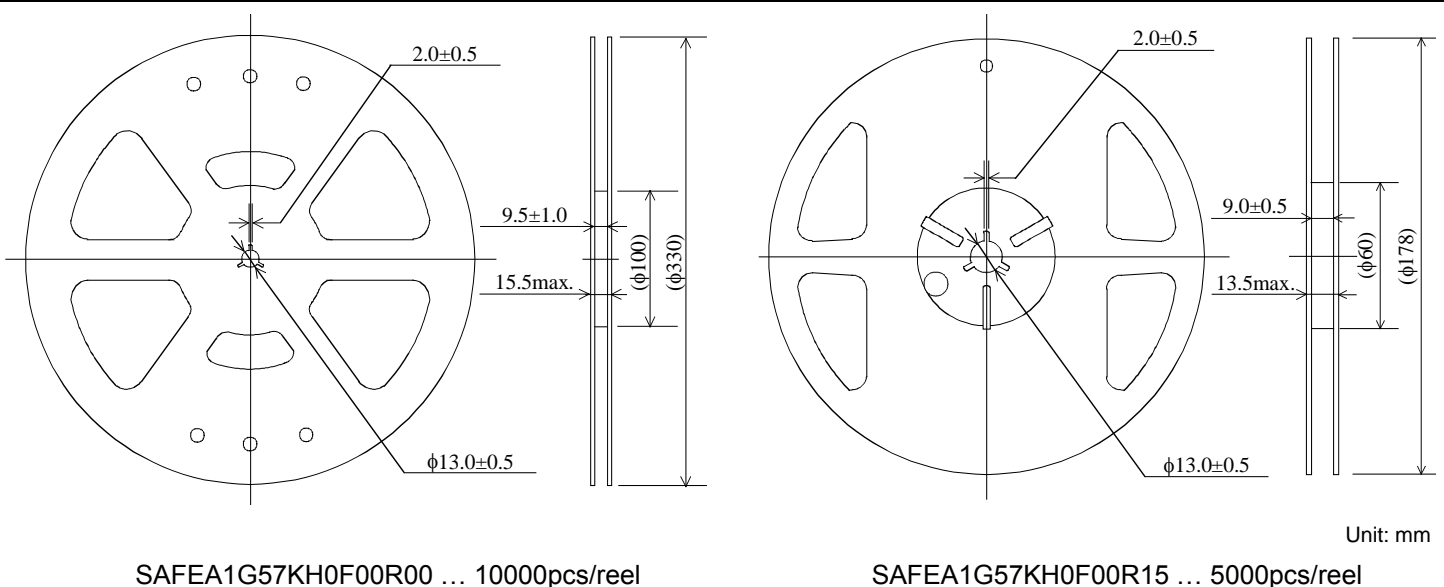
Dimensions of Carrier Tape



Dimensions of Tape



Dimensions of Reel

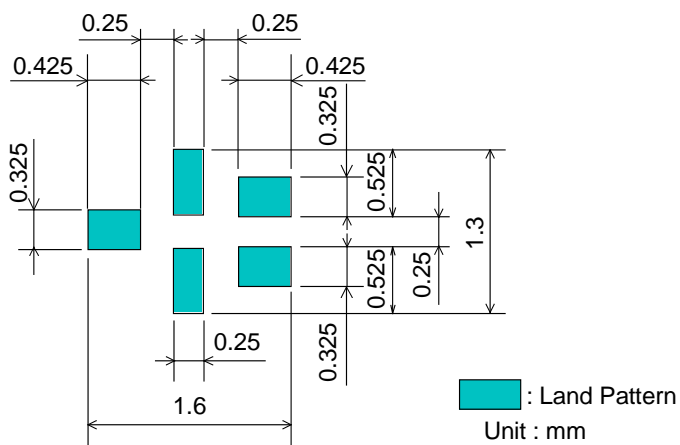


SAW FILTER FOR GPS

Murata part number :SAFEA1G57KH0F00

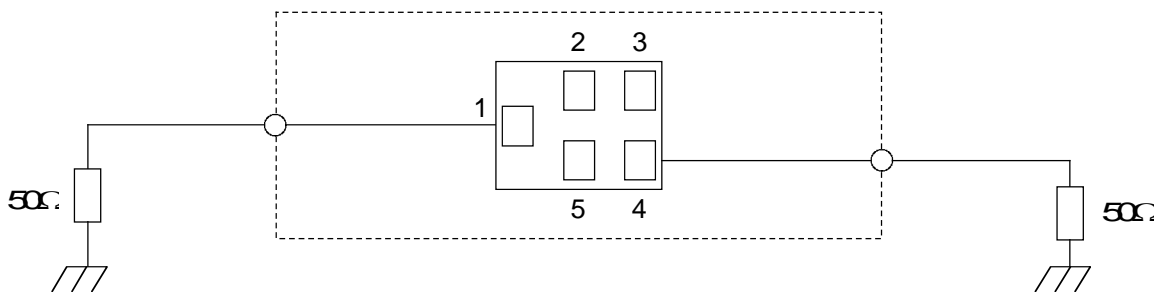
Recommended Land Pattern

Top View



Test Circuit

Bottom View



SAW FILTER FOR GPS

Murata part number :SAFEA1G57KH0F00

■ 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.