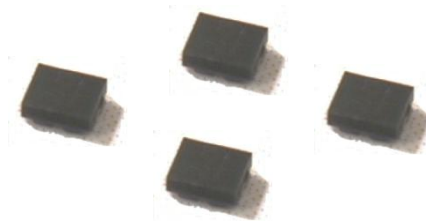




Data Sheet of SAW Components



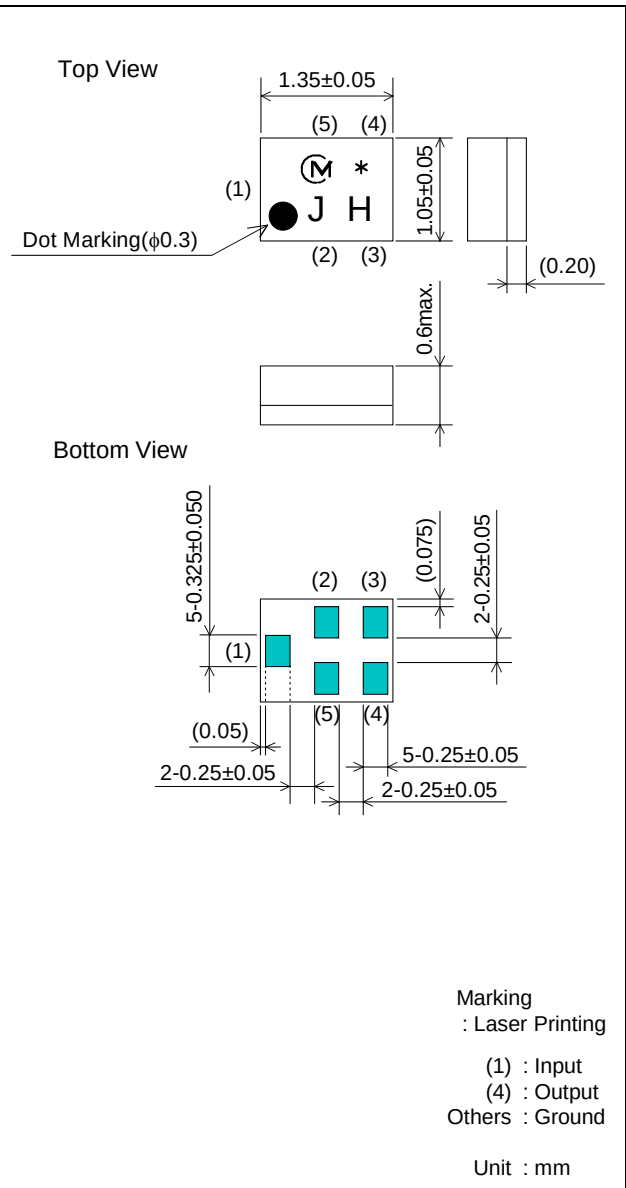
Note : Murata SAW Component is applicable for Cellular /Cordless phone (Terminal) relevant market only.

Please also read caution at the end of this document.

SAW FILTER FOR GPS

Murata part number :SAFE1G57KB0F00

Package Dimensions



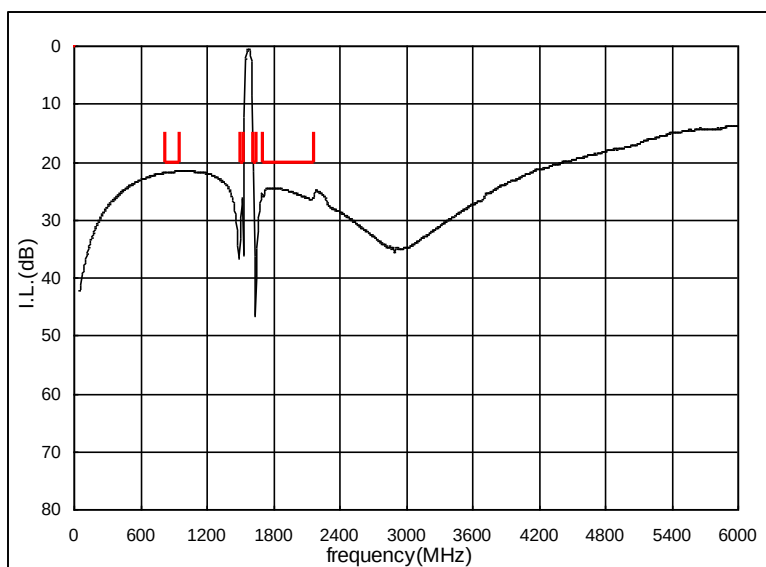
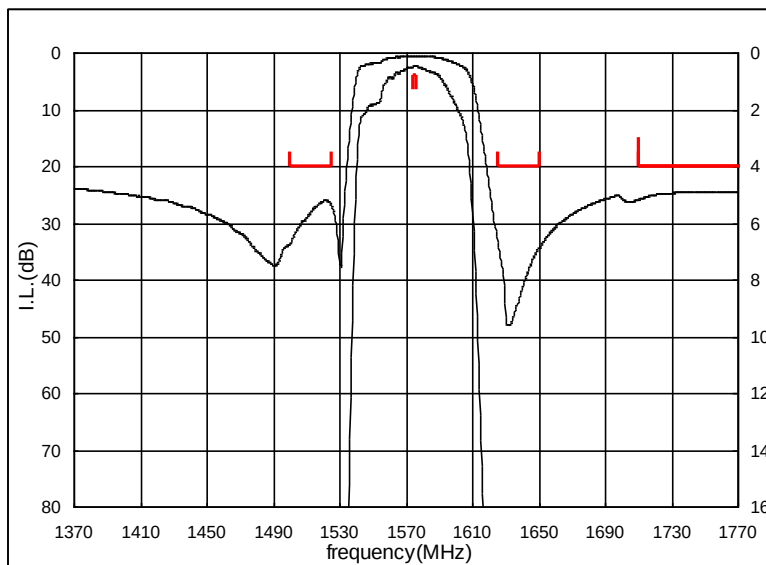
Specification

Item	Specification		
	-30 to 85°C	25±2°C	typ.
Nominal Center Frequency(fc)	1575.42MHz		
Insertion Loss (1574.22 to 1576.62MHz)	0.8 dB max.	0.6 dB max.	0.45 dB
Absolute Attenuation			
1) 824 to 960 MHz	20 dB min.	20 dB min.	21 dB
2) 1500 to 1525.4 MHz	20 dB min.	20 dB min.	26 dB
3) 1625.4 to 1650 MHz	20 dB min.	25 dB min.	34 dB
4) 1710 to 2170 MHz	20 dB min.	20 dB min.	24 dB
Ripple Deviation (1574.22 to 1576.62MHz)	0.5dB max.	0.5dB max.	0.02 dB
VSWR (1574.22 to 1576.62MHz)	2.0 max.	2.0 max.	1.1
Input/Output Impedance (nominal)	50Ω		
Input Signal Level	20mW (+13dBm), 2000 hours		

SAW FILTER FOR GPS

Murata part number :SAFE1G57KB0F00

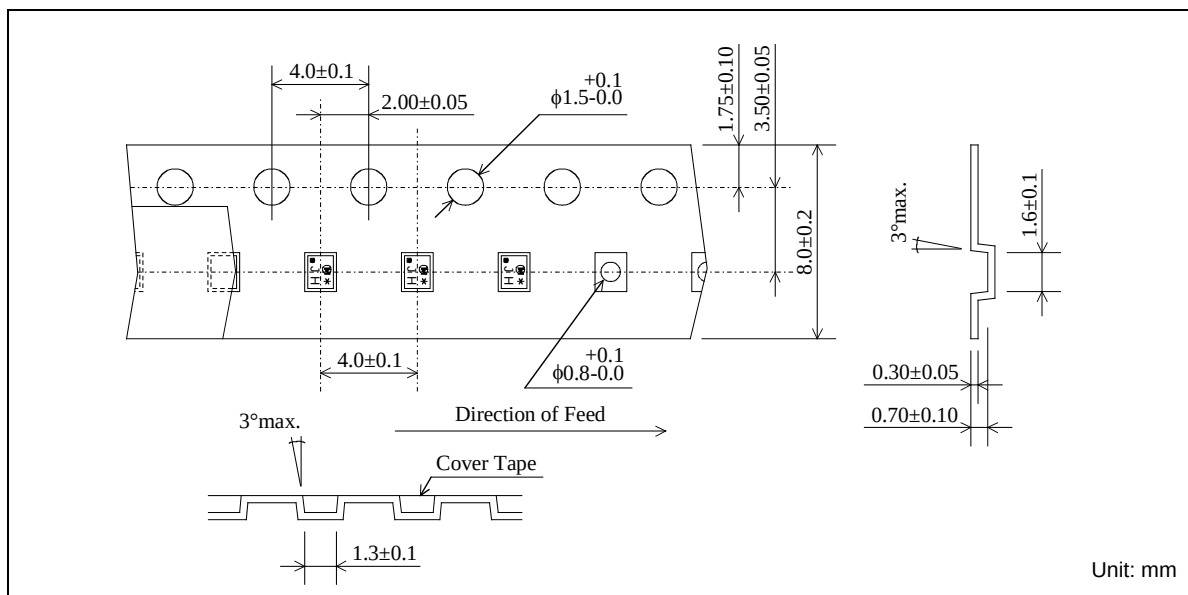
Frequency Performance



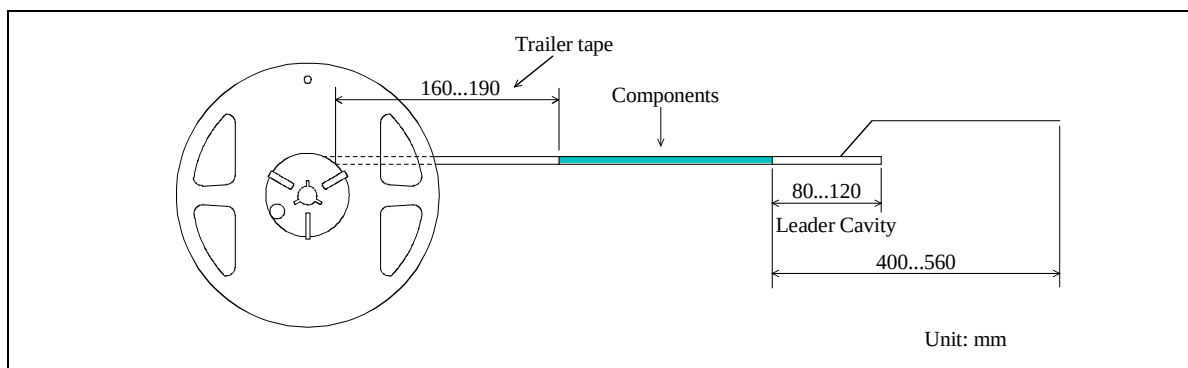
SAW FILTER FOR GPS

Murata part number :SAFE1G57KB0F00

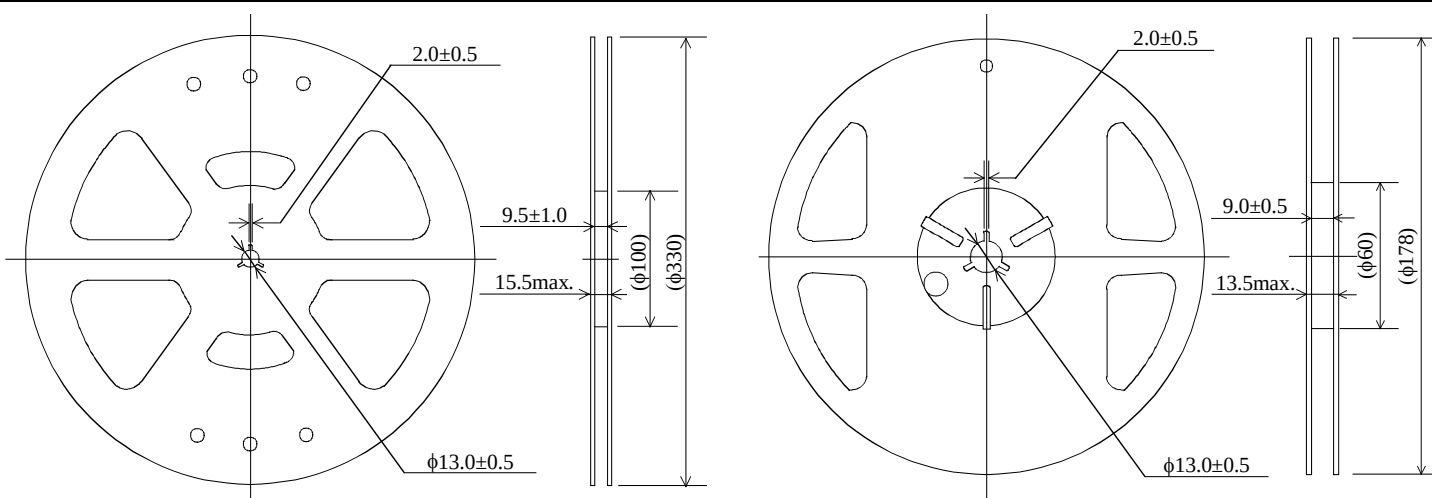
Dimensions of Carrier Tape



Dimensions of Tape



Dimensions of Reel



SAFE1G57KB0F00R00 ... 10000pcs/reel

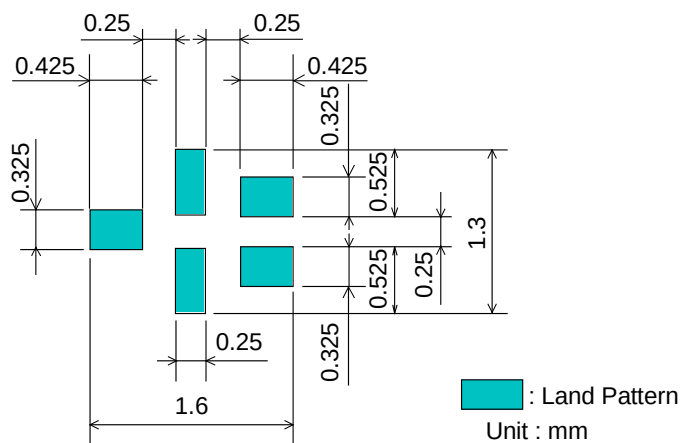
SAFE1G57KB0F00R15 ... 5000pcs/reel

SAW FILTER FOR GPS

Murata part number :SAFE1G57KB0F00

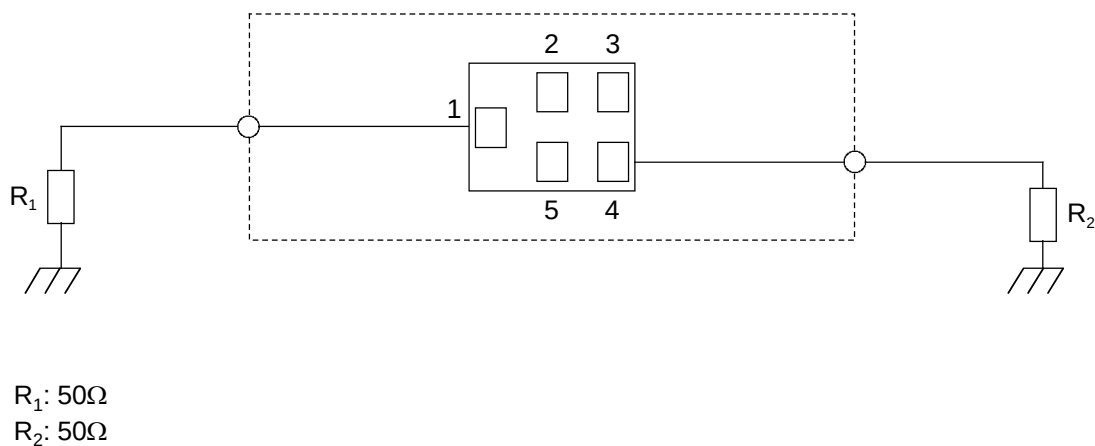
Recommended Land Pattern

Top View



Test Circuit

Bottom View



SAW FILTER FOR GPS

Murata part number :SAFE1G57KB0F00

■ 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.