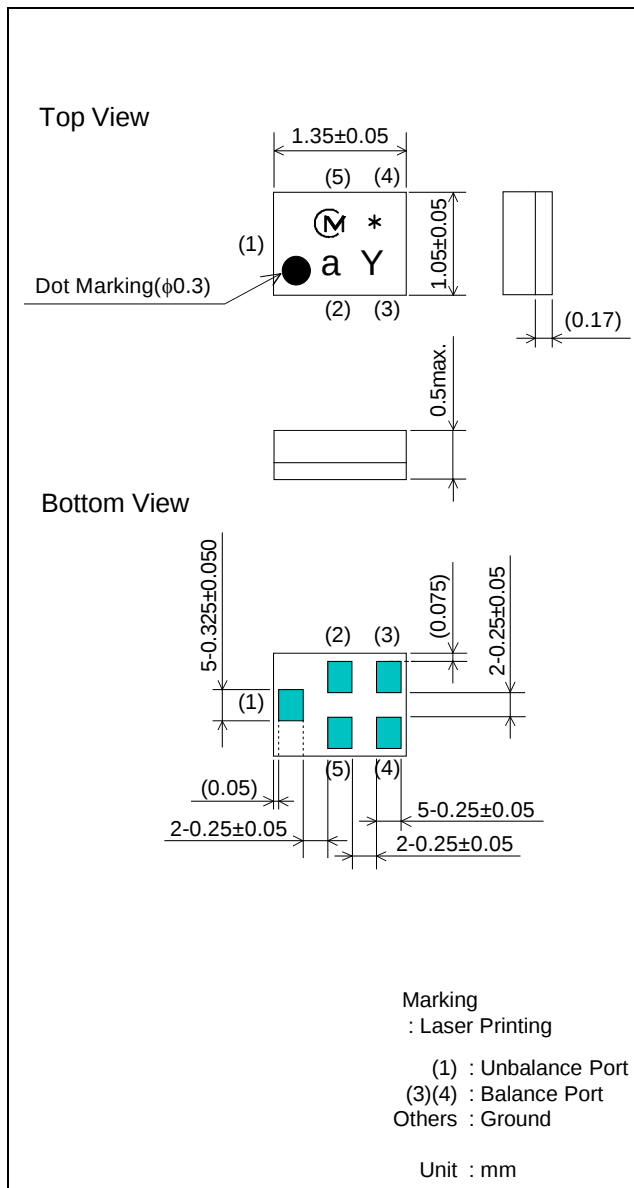


SAW FILTER FOR TD-SCDMA

Murata part number : SAFEA2G01FL0F00

Package Dimensions



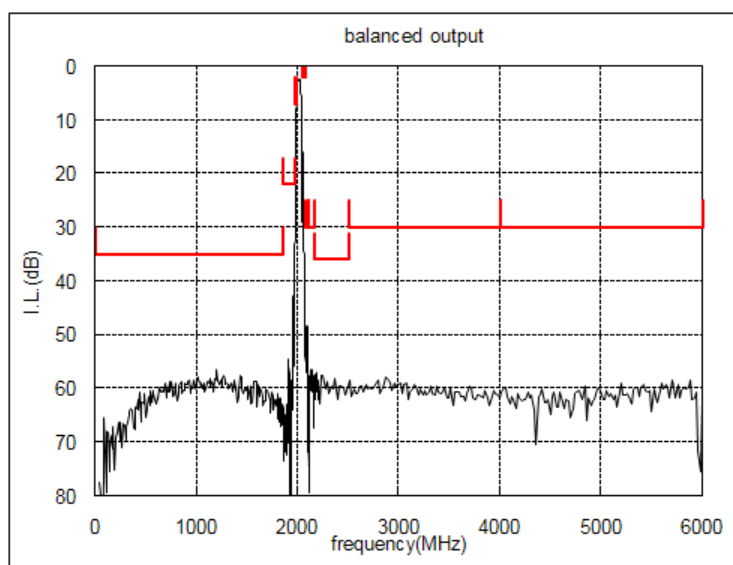
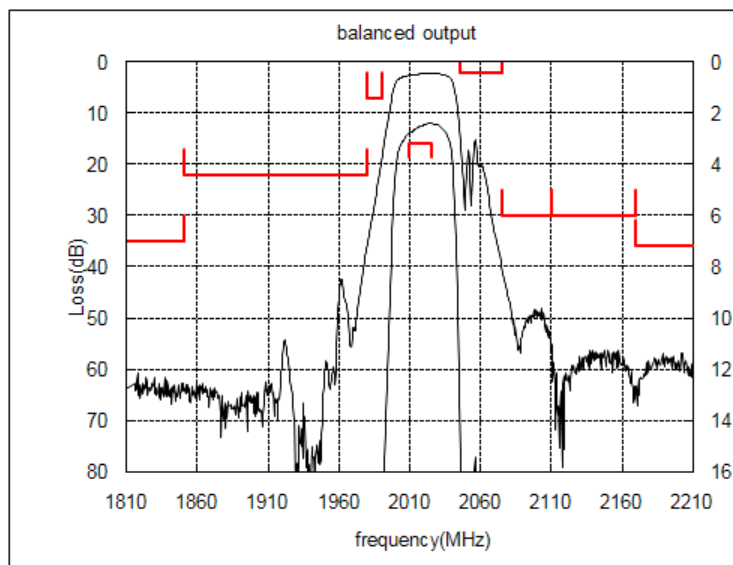
Specification

Item	Specification		
	-30 to 85°C	25±2°C	typ.
Nominal Center Frequency(fc)	2017.5MHz		
Insertion Loss (2010 to 2025 MHz)	3.2 dB max.	2.9 dB max.	2.7 dB
Absolute Attenuation			
1) 0.1 to 1850 MHz	35 dB min.	35 dB min.	59 dB
2) 1850 to 1980 MHz	22 dB min.	28 dB min.	34 dB
3) 1980 to 1990 MHz	7 dB min.	12 dB min.	17 dB
4) 2045 to 2075 MHz	2 dB min.	4 dB min.	15 dB
5) 2075 to 2110 MHz	30 dB min.	30 dB min.	42 dB
6) 2110 to 2170 MHz	30 dB min.	30 dB min.	57 dB
7) 2170 to 2500 MHz	36 dB min.	36 dB min.	60 dB
8) 2500 to 4000 MHz	30 dB min.	30 dB min.	61 dB
9) 4000 to 6000 MHz	30 dB min.	30 dB min.	44 dB
Ripple Deviation (2010 to 2025 MHz)	1.0 dB max.	0.7 dB max.	0.4 dB
VSWR (2010 to 2025 MHz)	1.8 max.	1.6 max.	1.3
Amplitude Balance (2010 to 2025 MHz)	±1.0dB max.	±0.8dB max.	±0.2dB
Phase Balance (2010 to 2025 MHz)	180±10deg. max.	180±7deg. max.	180±2.5deg.
Unbalance Port Matching Impedance (nominal)	50Ω		
Balance Port Matching Impedance (nominal)	200Ω		
Input Signal Level	20mW (+13dBm), 2000 hours		

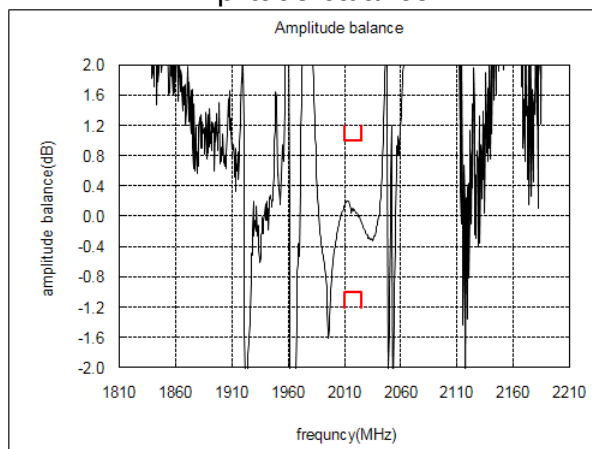
SAW FILTER FOR TD-SCDMA

Murata part number : SAFEA2G01FL0F00

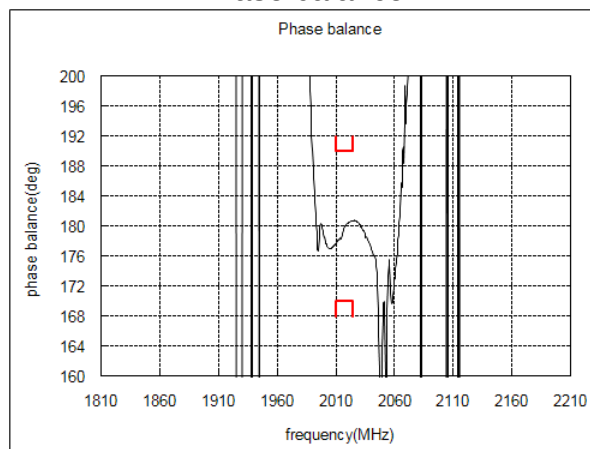
Frequency Performance



Amplitude balance



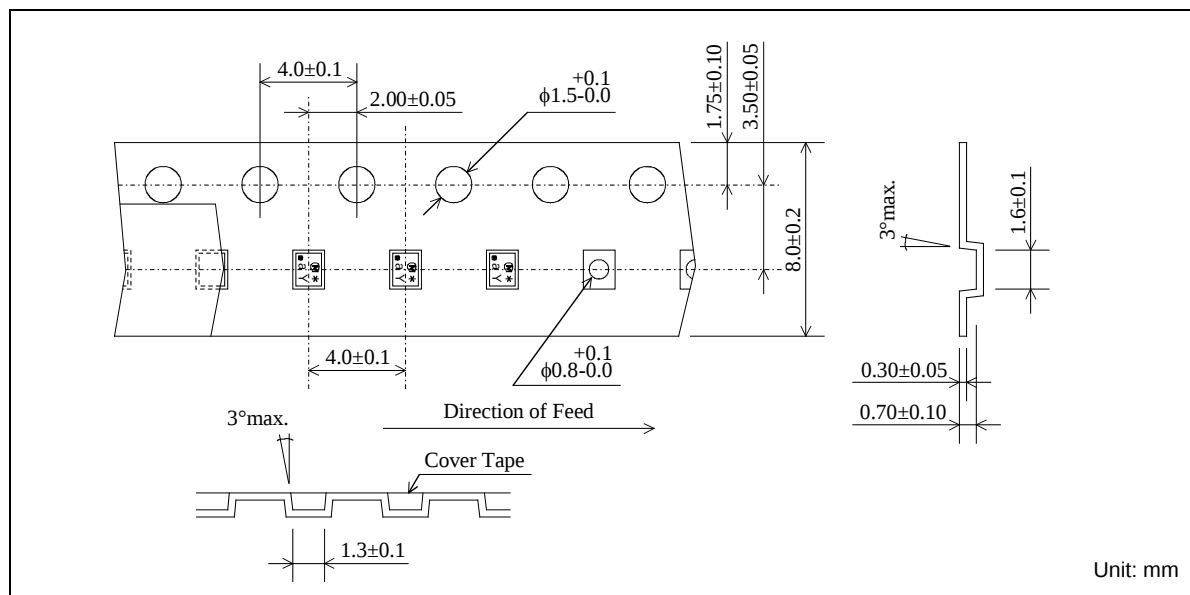
Phase balance



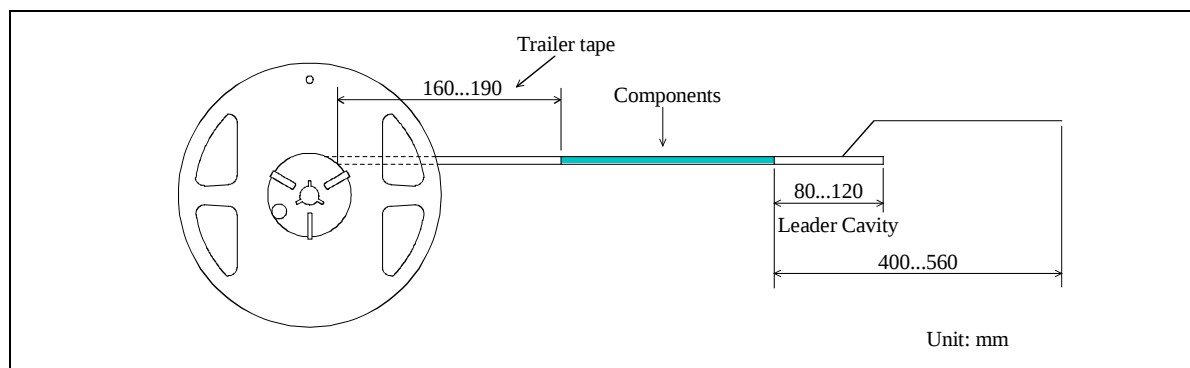
SAW FILTER FOR TD-SCDMA

Murata part number : SAFEA2G01FL0F00

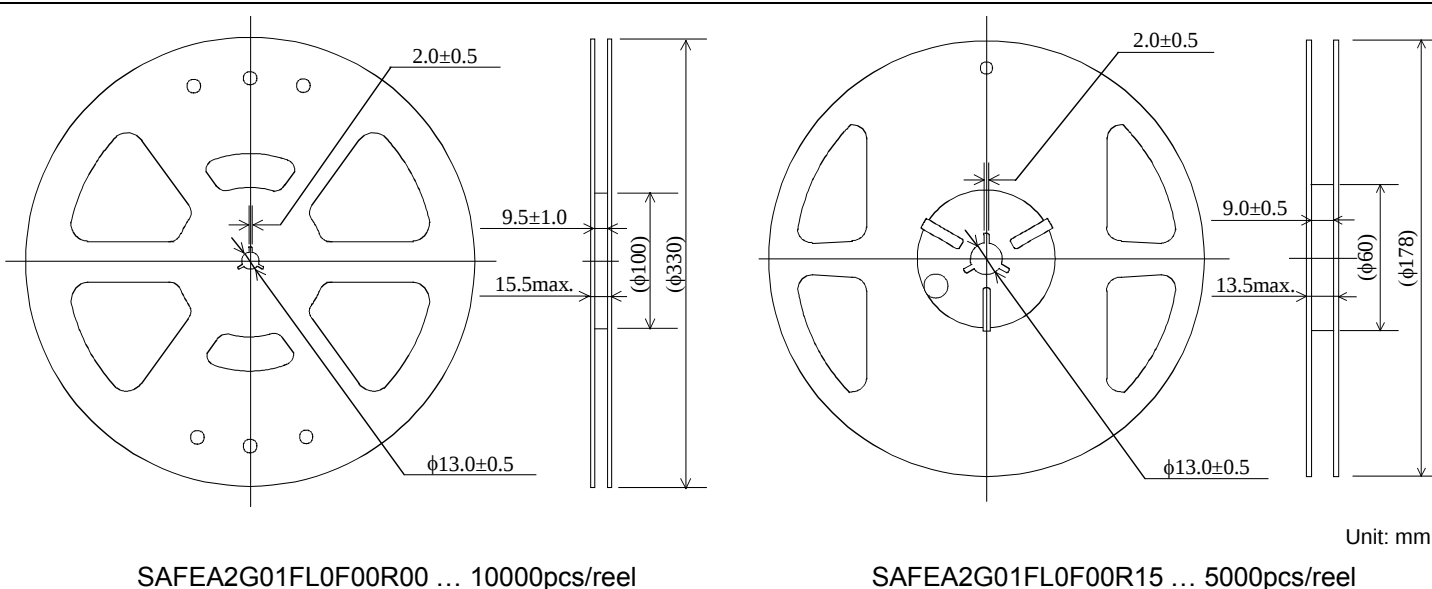
■ Dimensions of Carrier Tape



■ Dimensions of Tape



■ Dimensions of Reel



SAFEA2G01FL0F00R00 ... 10000pcs/reel

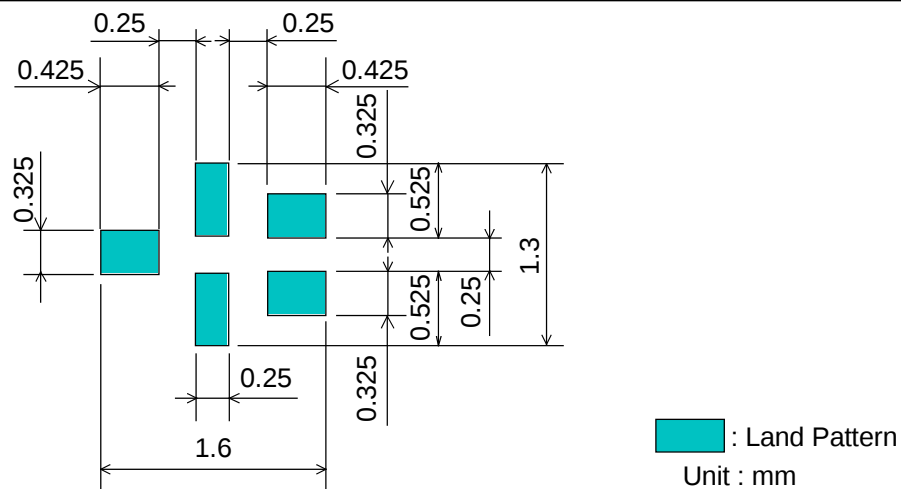
SAFEA2G01FL0F00R15 ... 5000pcs/reel

SAW FILTER FOR TD-SCDMA

Murata part number : SAFEA2G01FL0F00

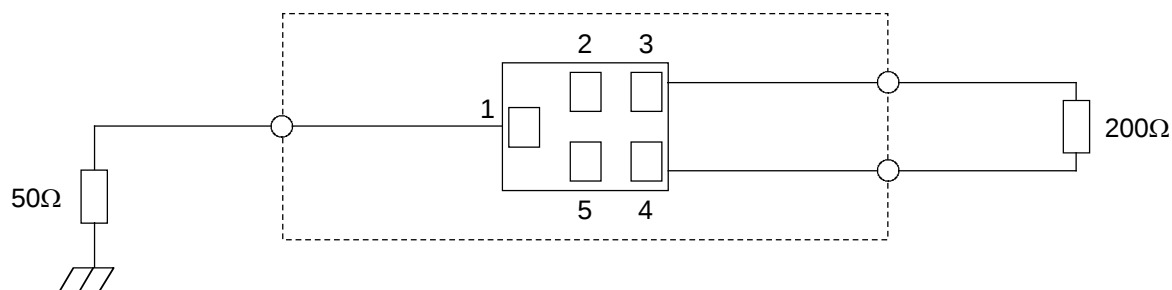
Recommended Land Pattern

Top View



Test Circuit

Bottom View



SAW FILTER FOR TD-SCDMA

Murata part number : SAFEA2G01FL0F00

■ 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.