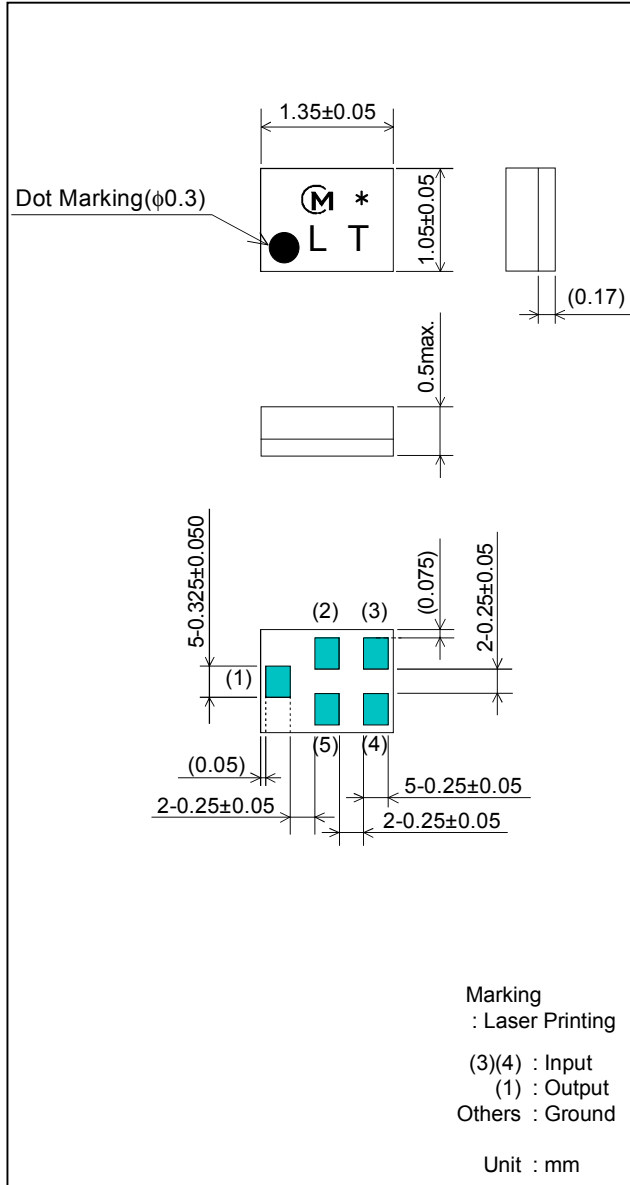


SAW FILTER FOR UMTS BC2 Rx

Murata part number : SAFEA1G88FL0F00

■ Package Dimensions



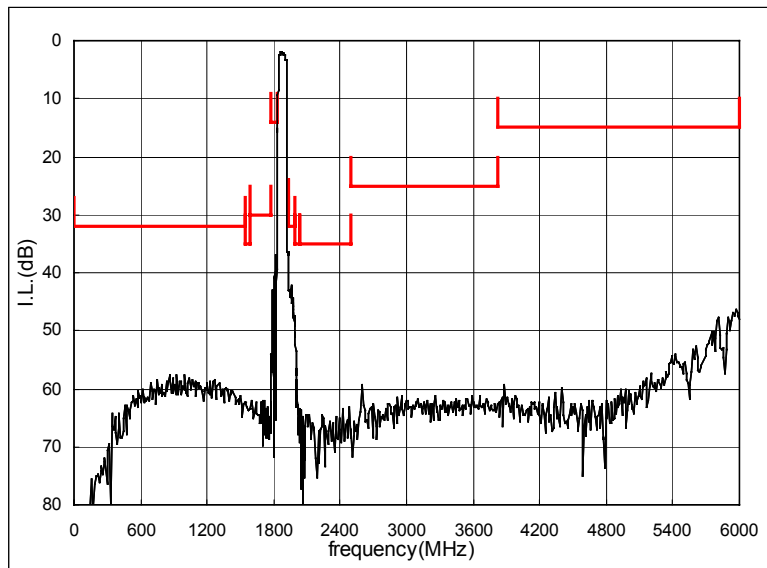
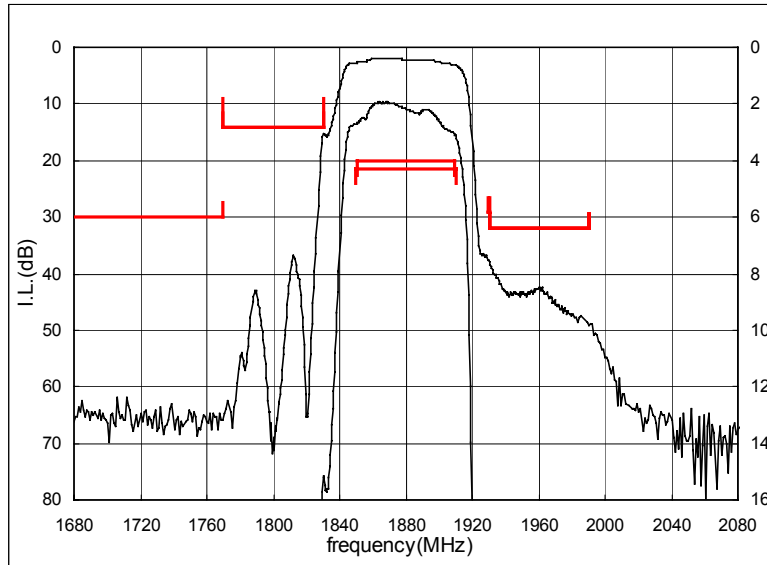
■ Specification

Item	Specification		
	-30 to 85°C	25 \pm 2°C	typ.
Nominal Center Frequency(fc)	1880MHz		
Insertion Loss (1850.5 to 1909.5MHz)	4.0 dB max.	3.5 dB max.	3.0 dB
	(1850 to 1910MHz)	4.3 dB max.	3.5 dB max.
Absolute Attenuation			
1) 0.1 to 1550 MHz	32 dB min.	32 dB min.	62 dB
2) 1550 to 1580 MHz	35 dB min.	35 dB min.	67 dB
3) 1580 to 1770 MHz	30 dB min.	30 dB min.	65 dB
4) 1770 to 1830 MHz	14 dB min.	14 dB min.	28 dB
5) 1930 to 1930.5 MHz	29 dB min.	35 dB min.	37 dB
6) 1930.5 to 1990 MHz	32 dB min.	35 dB min.	37 dB
7) 1990 to 2032 MHz	35 dB min.	35 dB min.	47 dB
8) 2032 to 2500 MHz	35 dB min.	35 dB min.	60 dB
9) 2500 to 3820 MHz	25 dB min.	25 dB min.	56 dB
10) 3820 to 6000 MHz	15 dB min.	15 dB min.	44 dB
Ripple Deviation (1850 to 1910MHz)	2.5dB max.	1.8dB max.	1.3 dB
VSWR (1850 to 1910MHz)	2.4 max.	2.2 max.	2.0
Amplitude Balance (1850 to 1910MHz)	± 1.0 dB max.	± 1.0 dB max.	+0.5dB
Phase Balance (1850 to 1910MHz)	180 \pm 10deg. max.	180 \pm 10deg. max.	180+5deg.
Input Impedance (nominal)	200 Ω //82nH		
Output Impedance (nominal)	50 Ω		
Input Signal Level	20mW (+13dBm), 2000 hours		

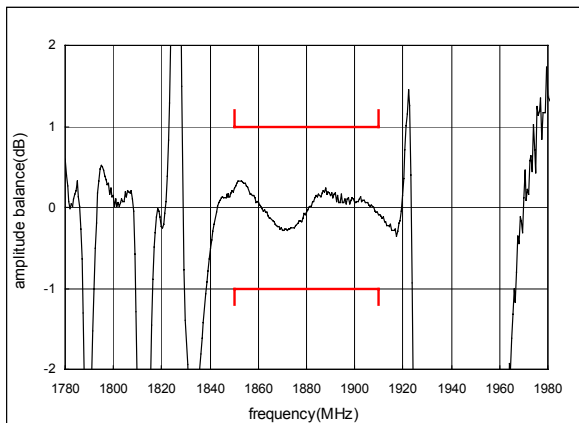
SAW FILTER FOR UMTS BC2 Rx

Murata part number : SAFEA1G88FL0F00

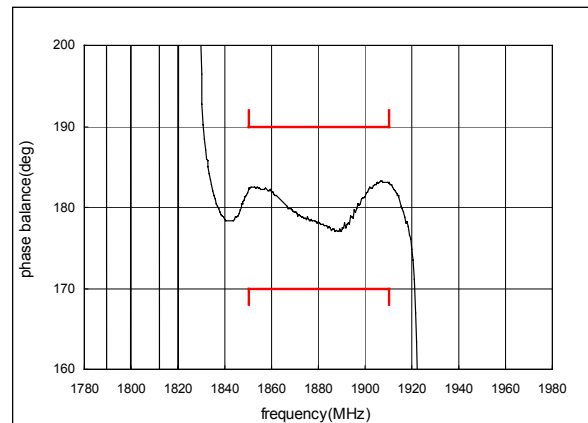
■ Frequency Performance



Amplitude balance



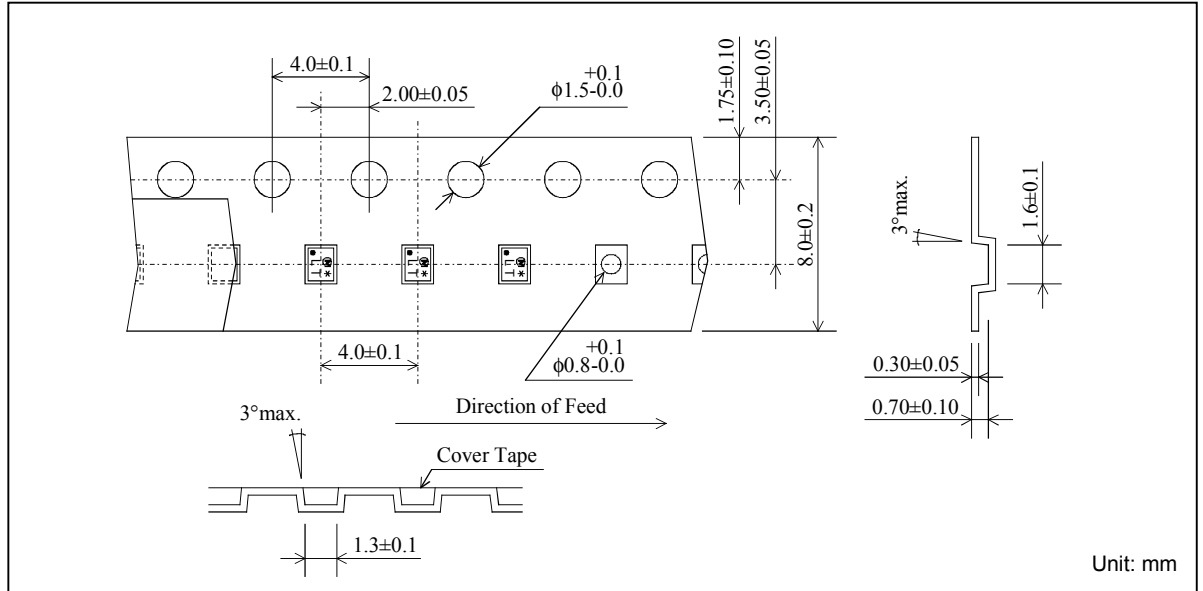
Phase balance



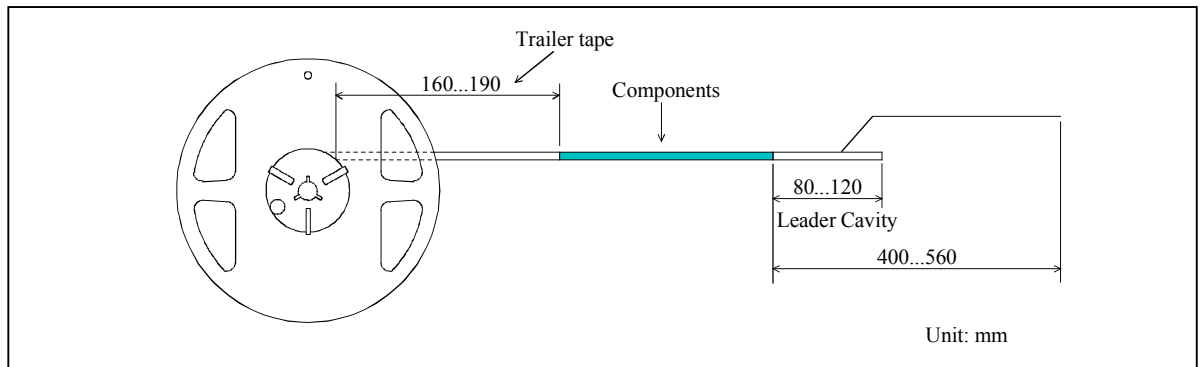
SAW FILTER FOR UMTS BC2 Rx

Murata part number : SAFEA1G88FL0F00

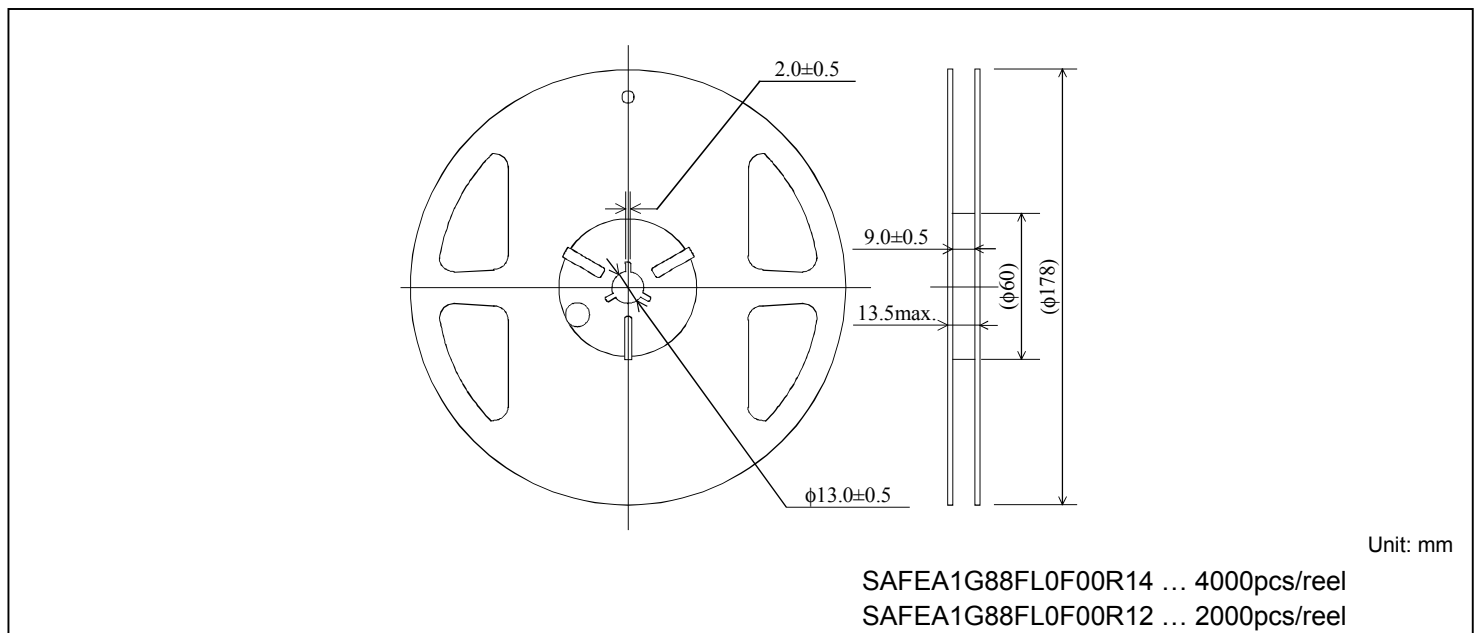
■ Dimensions of Carrier Tape



■ Dimensions of Tape



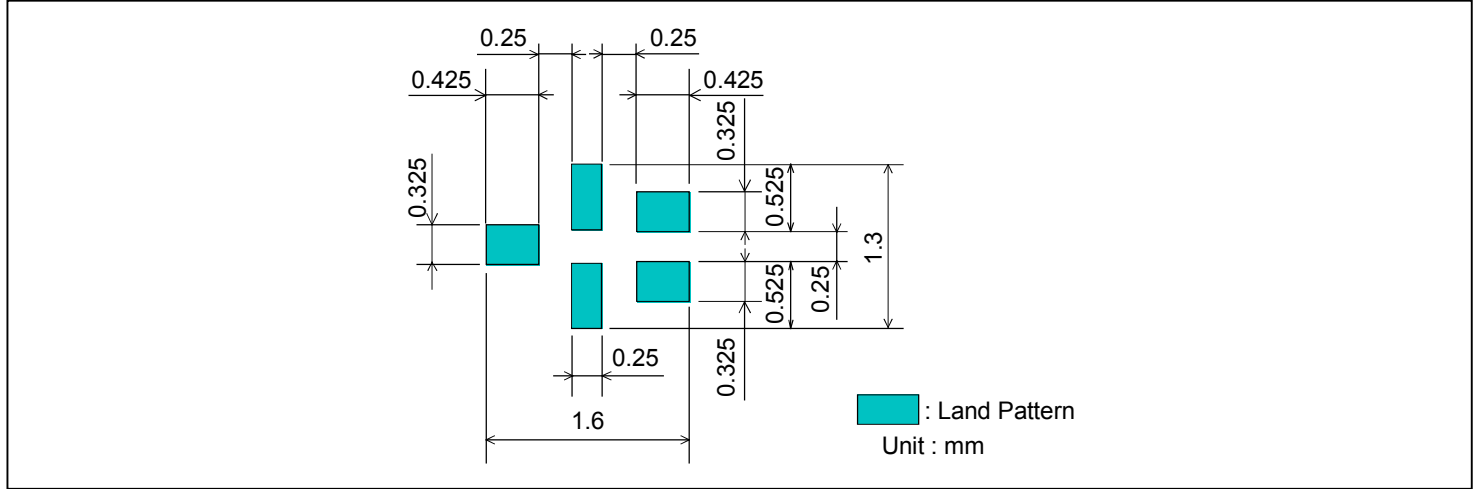
■ Dimensions of Reel



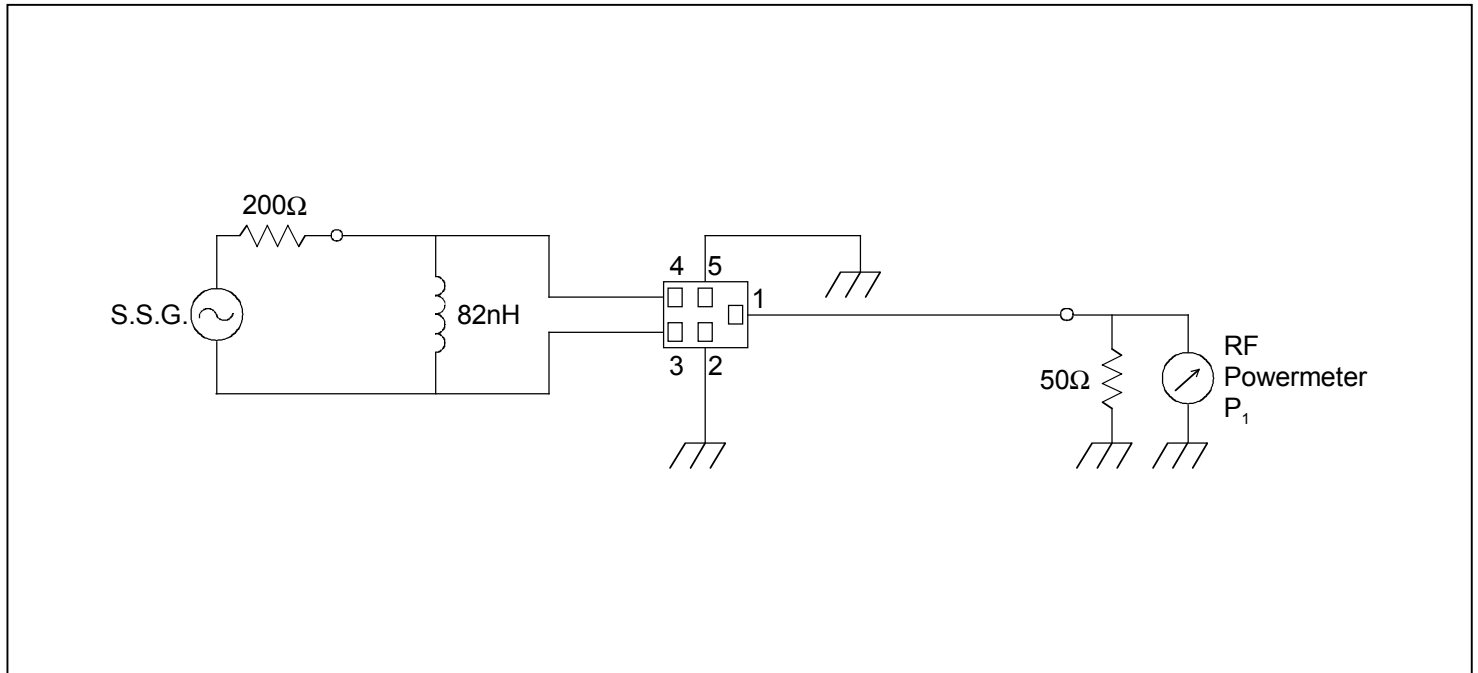
SAW FILTER FOR UMTS BC2 Rx

Murata part number : SAFEA1G88FL0F00

Recommended Land Pattern



Test Circuit



- This PDF Datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- This PDF Datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please approve our product specifications or transact the approval sheet for product specifications before ordering.