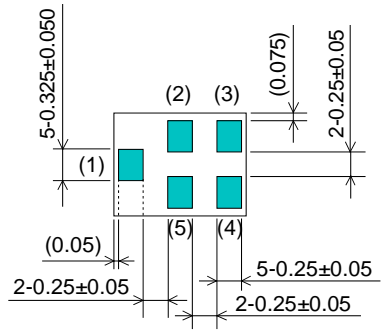
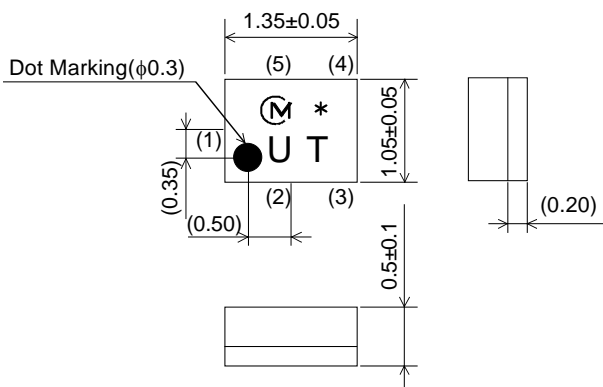


SAW FILTER FOR CDMA2000 BC6 (Rx)

Murata part number : SAFEB2G12FB0F00

Package Dimensions



Marking : Laser Printing
 (1) : Unbalance Port
 (3)(4) : Balance Port
 Others : Ground
 Unit : mm

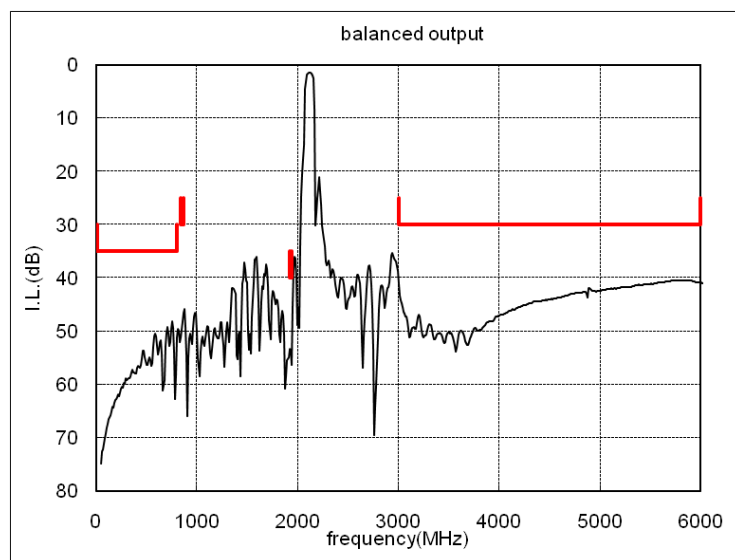
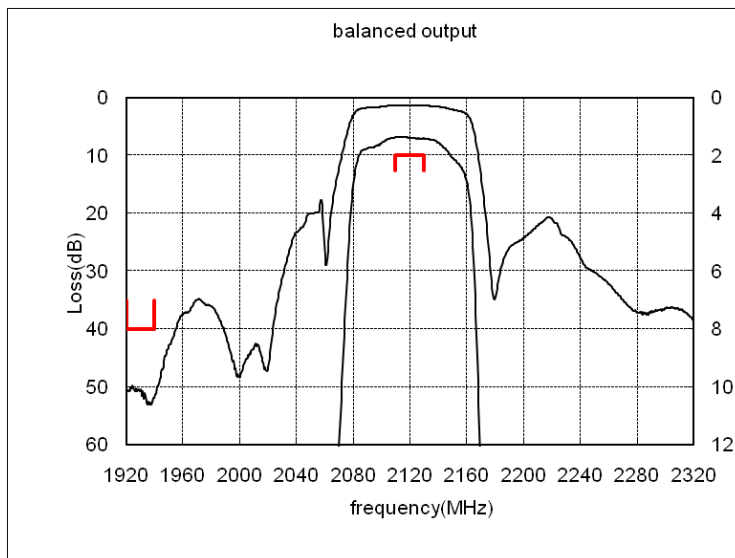
Specification

Item	Specification		
	-30 to 85°C	25±2°C	typ.
Nominal Center Frequency(fc)	2120MHz		
Insertion Loss (2110 to 2130MHz)	2.0 dB max.	2.0 dB max.	1.7 dB
Absolute Attenuation			
1) 10 to 800 MHz	35 dB min.	35 dB min.	48 dB
2) 843 to 870 MHz	30 dB min.	30 dB min.	46 dB
3) 1920 to 1940 MHz	40 dB min.	40 dB min.	52 dB
4) 3000 to 6000 MHz	30 dB min.	30 dB min.	36 dB
Ripple Deviation (2110 to 2130MHz)	0.8 dB max.	0.8 dB max.	0.2 dB
VSWR (2110 to 2130MHz)	2.0 max.	2.0 max.	1.5
Amplitude Balance (2110 to 2130MHz)	±1.0dB max.	±1.0dB max.	+0.7dB
Phase Balance (2110 to 2130MHz)	180±10deg. max.	180±10deg. max.	180+4deg.
Unbalance Port Matching Impedance (nominal)	50Ω		
Balance Port Matching Impedance (nominal)	100Ω		
Input Signal Level	20mW (+13dBm), 2000 hours		

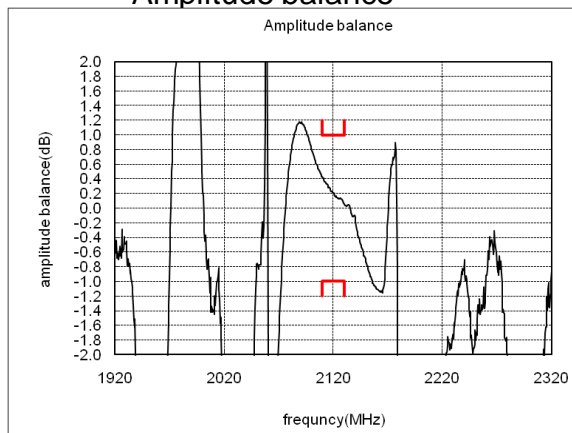
SAW FILTER FOR CDMA2000 BC6 (Rx)

Murata part number : SAFEB2G12FB0F00

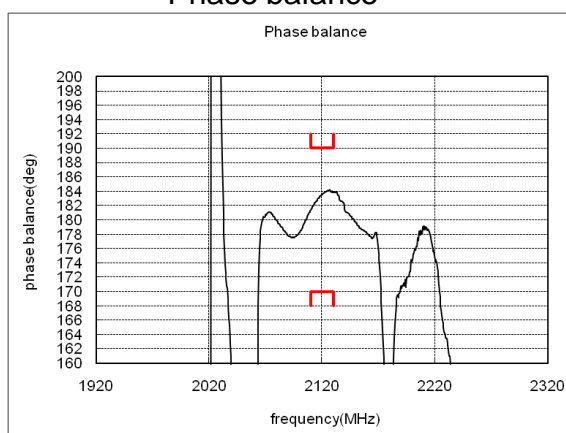
Frequency Performance



Amplitude balance



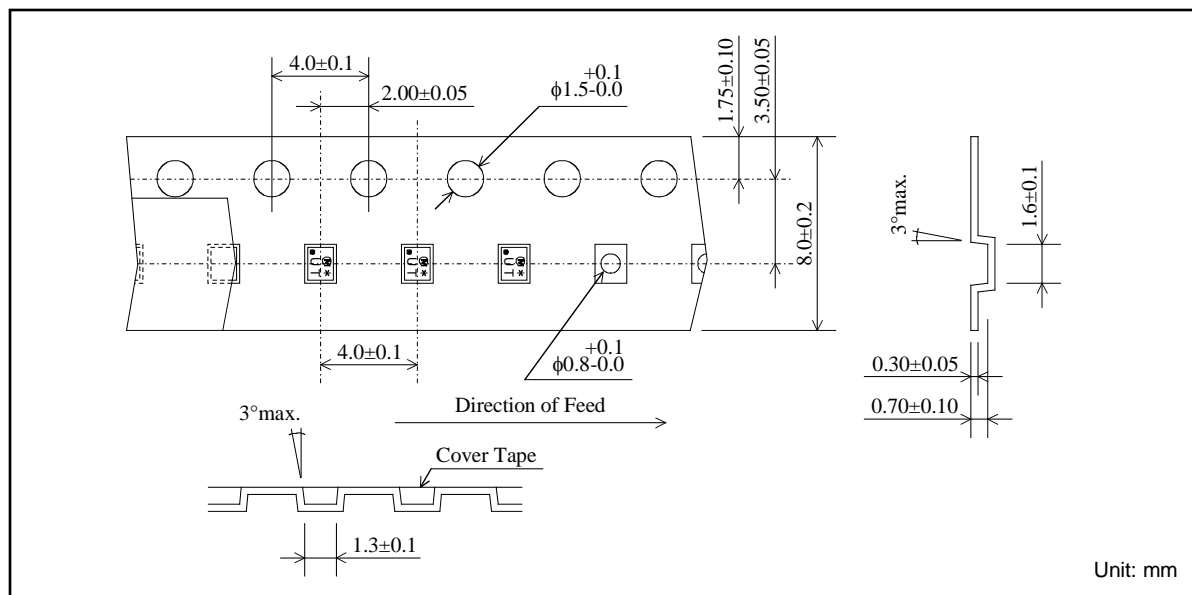
Phase balance



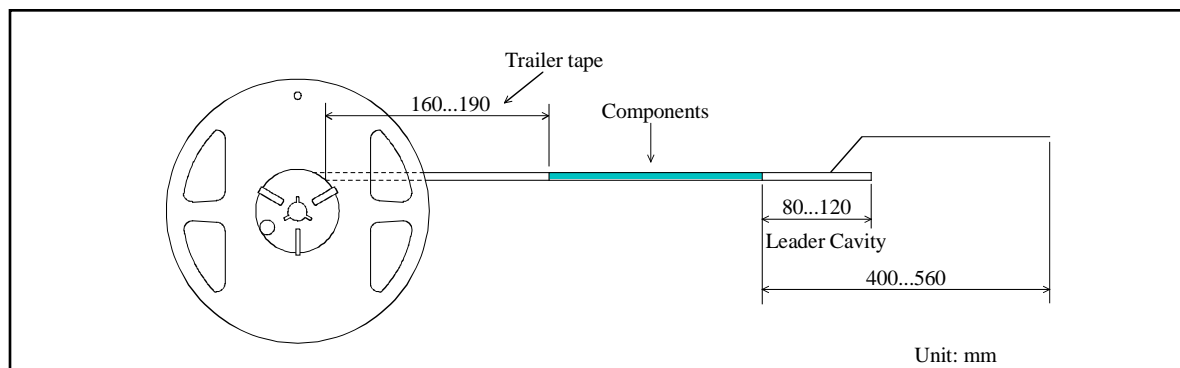
SAW FILTER FOR CDMA2000 BC6 (Rx)

Murata part number : SAFEB2G12FB0F00

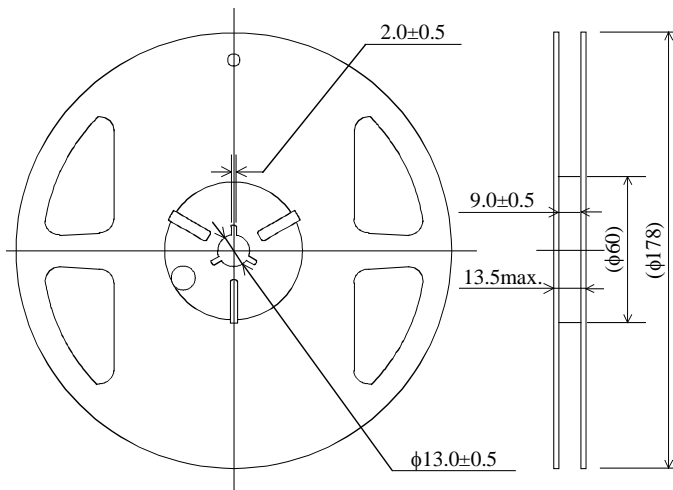
Dimensions of Carrier Tape



Dimensions of Tape



Dimensions of Reel



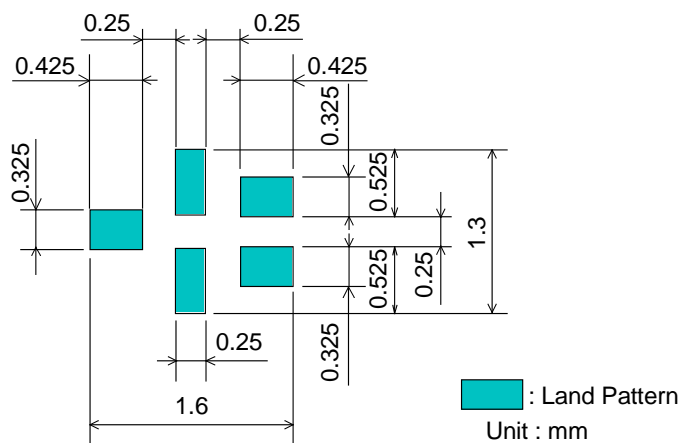
Unit: mm

SAFEB2G12FB0F00R14 ... 4000pcs/reel
SAFEB2G12FB0F00R12 ... 2000pcs/reel

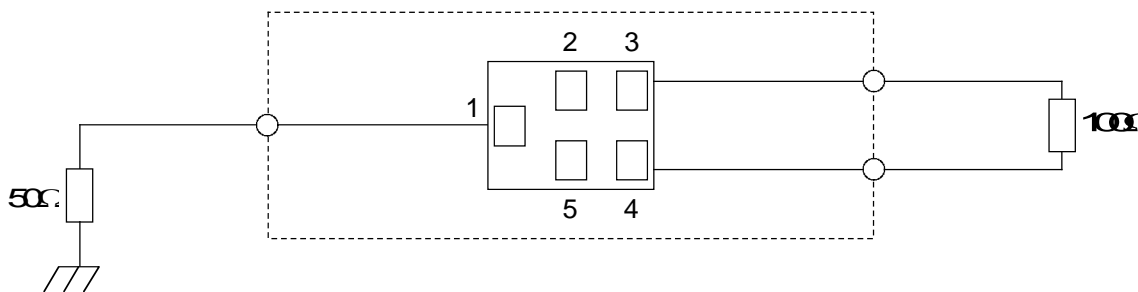
SAW FILTER FOR CDMA2000 BC6 (Rx)

Murata part number : SAFEB2G12FB0F00

Recommended Land Pattern



Test Circuit



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