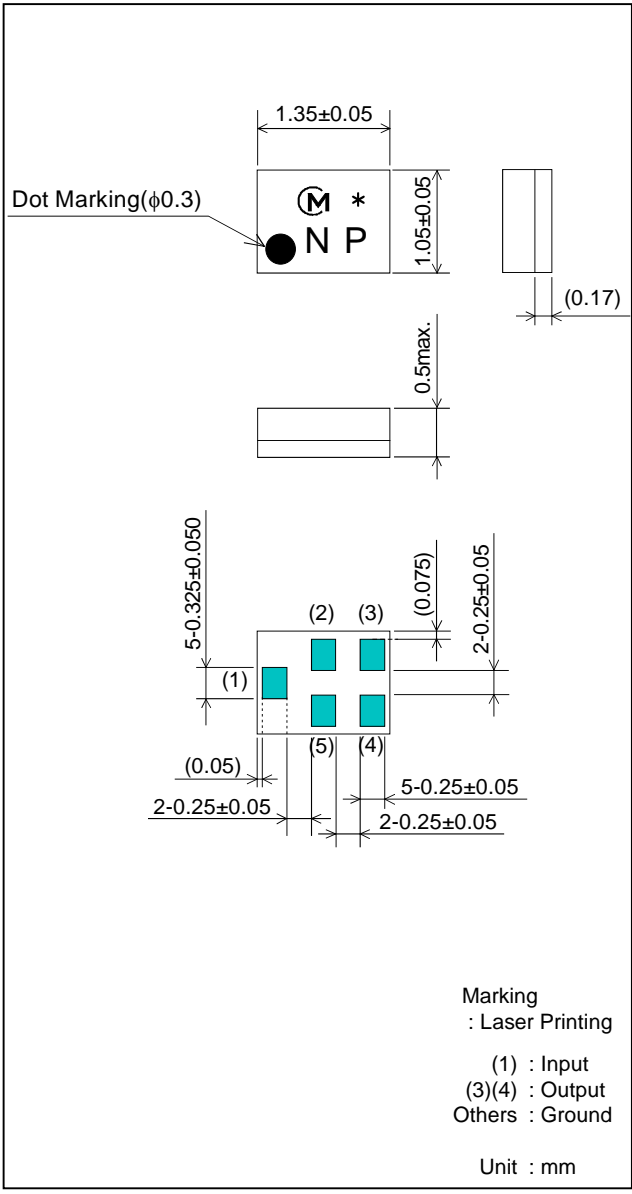


SAW FILTER FOR JCDMA Rx Top

Murata part number : SAFEA859MCL0F00

Package Dimensions



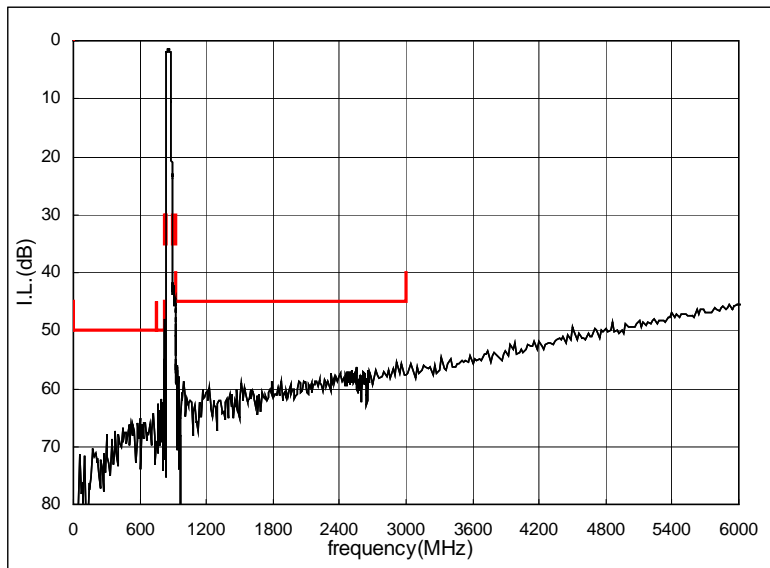
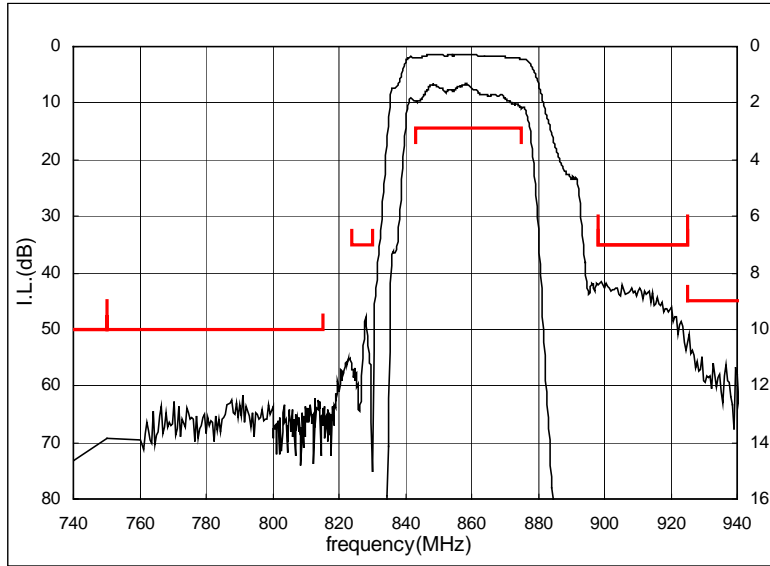
Specification

Item	Specification		
	-30 to 85°C	25±2°C	typ.
Nominal Center Frequency(fc)	859MHz		
Insertion Loss (843 to 875MHz)	2.9 dB max.	2.8 dB max.	2.2 dB
Absolute Attenuation			
1) 0 to 750 MHz	50 dB min.	50 dB min.	63 dB
2) 750 to 815 MHz	50 dB min.	50 dB min.	60 dB
3) 824 to 830 MHz	35 dB min.	35 dB min.	49 dB
4) 898 to 925 MHz	35 dB min.	35 dB min.	41 dB
5) 925 to 3000 MHz	45 dB min.	45 dB min.	51 dB
Ripple Deviation (843 to 875MHz)	2.0dB max.	1.8dB max.	0.8 dB
VSWR (843 to 875MHz)	2.3 max.	2.2 max.	1.9
Amplitude Balance (843 to 875MHz)	±1.0dB max.	±0.8dB max.	-0.4dB
Phase Balance (843 to 875MHz)	180±10deg. max.	180±8deg. max.	180-2.5deg.
Input Impedance (nominal)	50Ω		
Output Impedance (nominal)	100Ω		
Input Signal Level	31.6mW (+15dBm), 2000 hours		

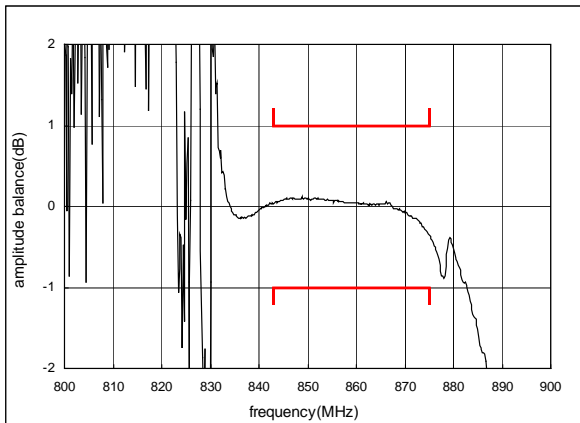
SAW FILTER FOR JCDMA Rx Top

Murata part number : SAFEA859MCL0F00

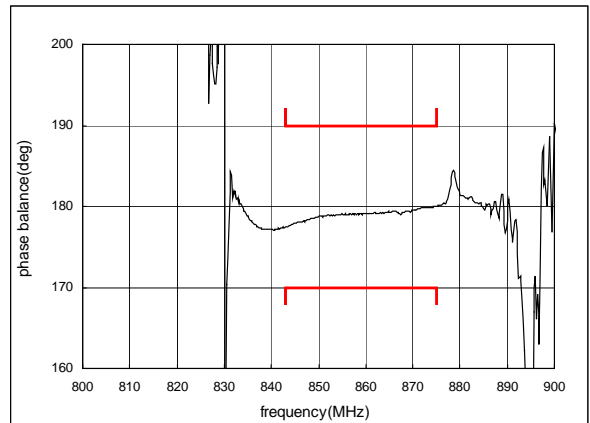
Frequency Performance



Amplitude balance



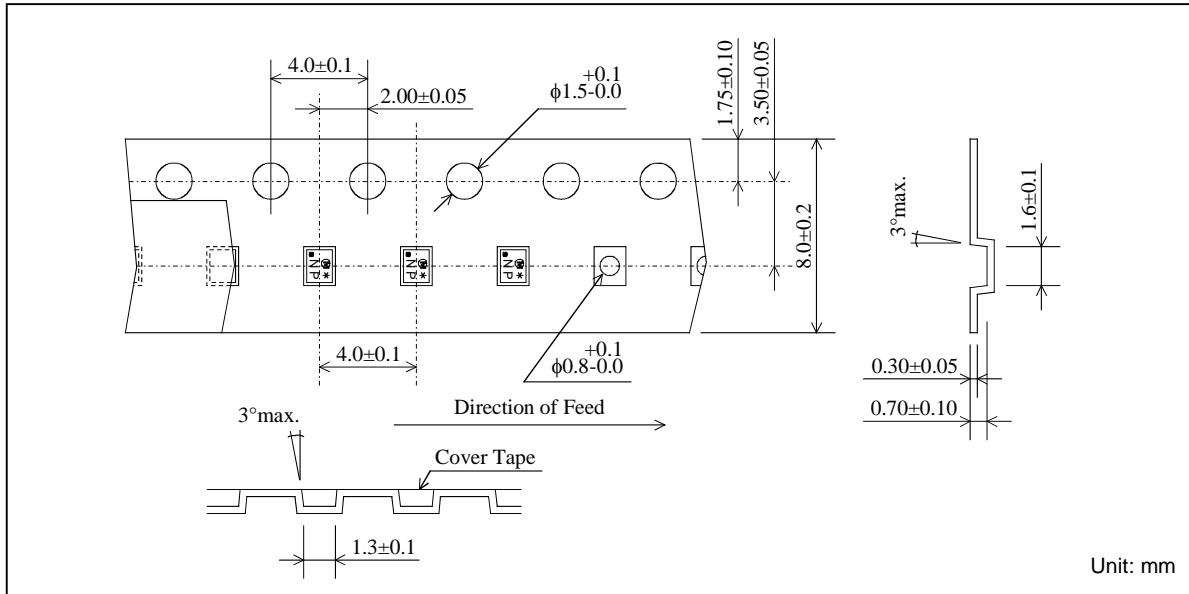
Phase balance



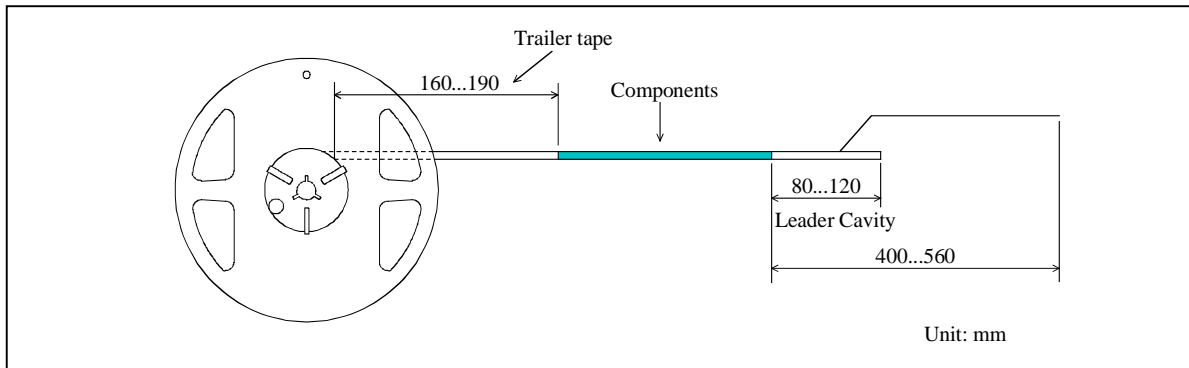
SAW FILTER FOR JCDMA Rx Top

Murata part number : *SAFEA859MCL0F00*

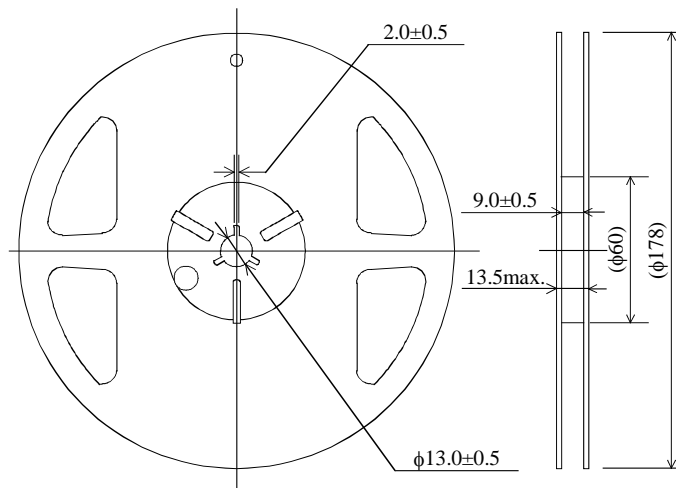
Dimensions of Carrier Tape



Dimensions of Tape



Dimensions of Reel



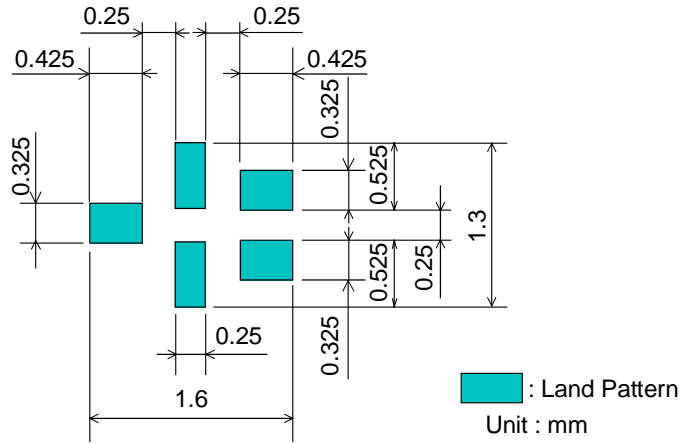
SAFEA859MCL0F00R14 ... 4000pcs/reel
SAFEA859MCL0F00R12 ... 2000pcs/reel

Unit: mm

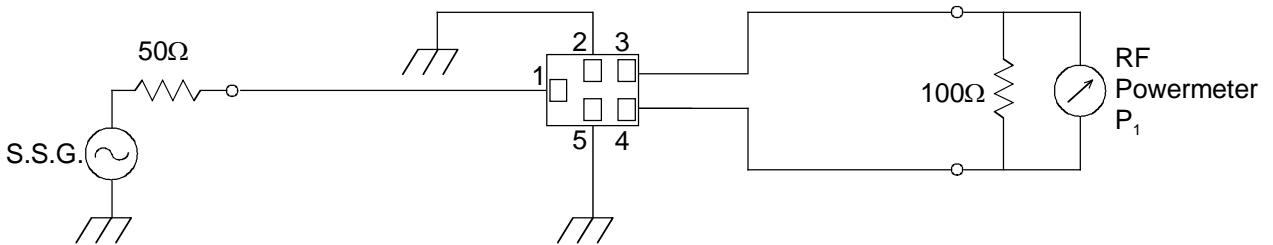
SAW FILTER FOR JCDMA Rx Top

Murata part number : SAFEA859MCL0F00

Recommended Land Pattern



Test Circuit



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