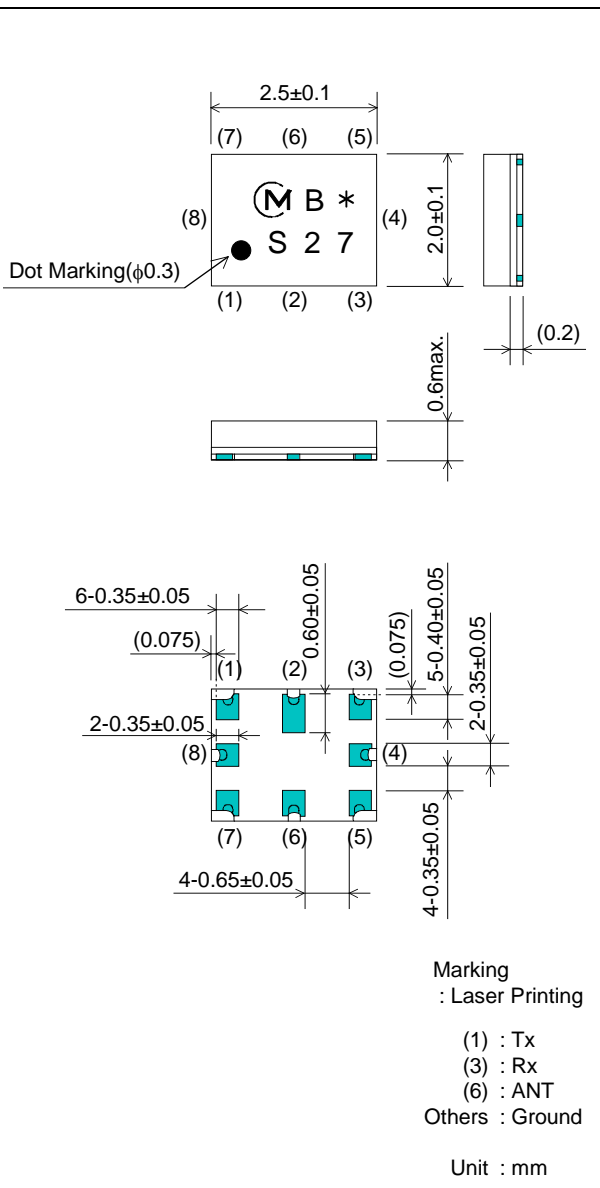


SAW FILTER FOR J-CDMA

Murata part number :SAYEV827MAB0F00[Tx →ANT]

Package Dimensions



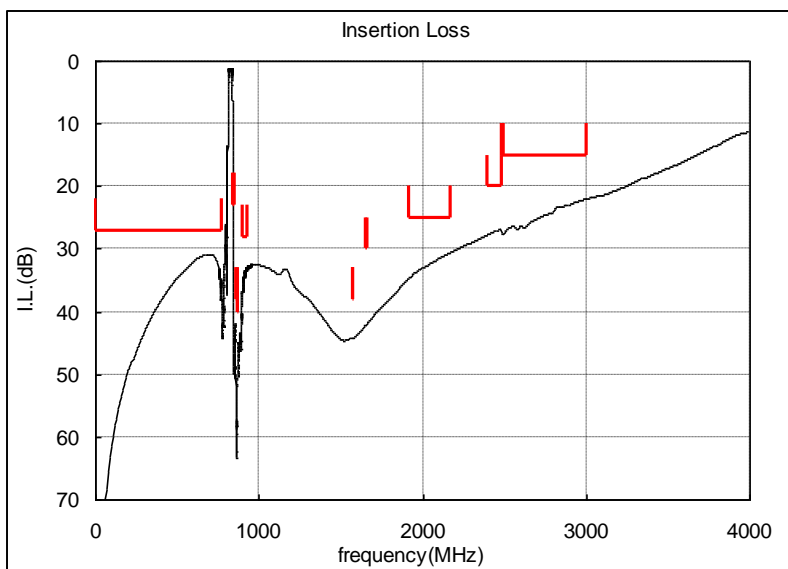
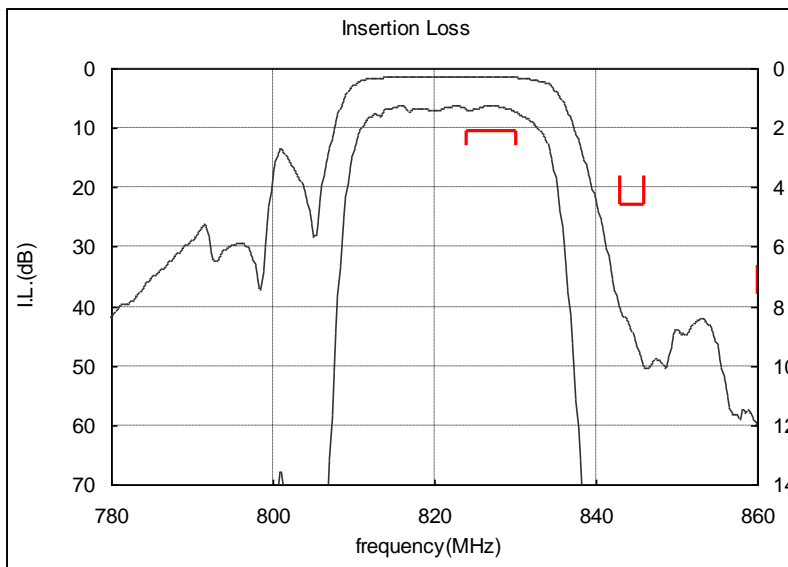
Specification

Item	Specification		
	-30 to 85°C	25±2°C	typ.
Nominal Center Frequency(fc)	927MHz		
Insertion Loss (824 to 830MHz)	2.1 dB max.	2.0 dB max.	1.5 dB
Absolute Attenuation			
1) 0.1 to 770 MHz	27 dB min.	27 dB min.	31 dB
2) 843 to 846 MHz	23 dB min.	23 dB min.	40 dB
3) 860 to 869 MHz	38 dB min.	38 dB min.	46 dB
4) 869 to 875 MHz	40 dB min.	40 dB min.	45 dB
5) 898 to 925 MHz	28 dB min.	28 dB min.	33 dB
6) 1574 to 1577 MHz	38 dB min.	38 dB min.	43 dB
7) 1648 to 1660 MHz	30 dB min.	30 dB min.	41 dB
8) 1920 to 2170 MHz	25 dB min.	25 dB min.	30 dB
9) 2400 to 2484 MHz	20 dB min.	20 dB min.	27 dB
10) 2484 to 2490 MHz	15 dB min.	15 dB min.	27 dB
11) 2490 to 3000 MHz	15 dB min.	15 dB min.	22 dB
Ripple Deviation (824 to 830MHz)	1.0 dB max.	1.0 dB max.	0.1 dB
VSWR (824 to 830MHz)	1.8 max.	1.8 max.	1.2
Impedance at Tx port(normal)	50Ω		
Impedance at ANT port(normal)	100Ω//9.1nH		
Input Signal Level	1.0W, 50000 hours (50°C)		

SAW FILTER FOR J-CDMA

Murata part number :SAYEV827MAB0F00[Tx →ANT]

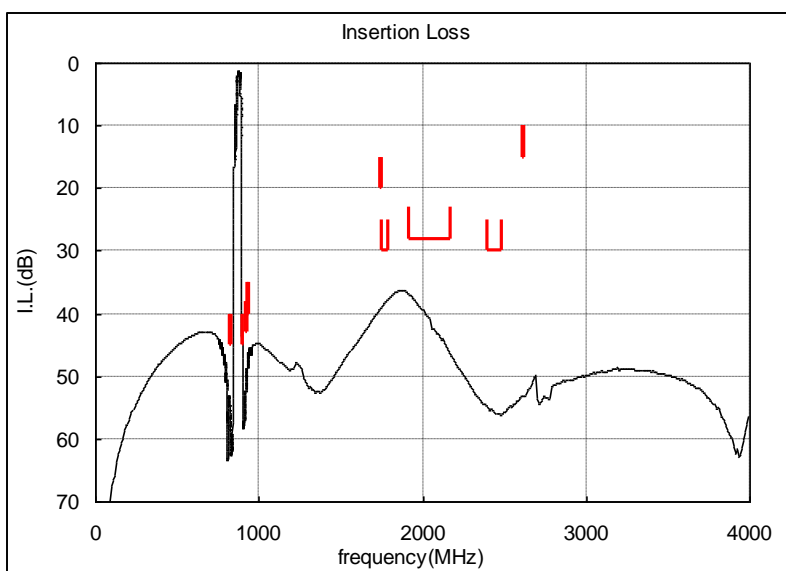
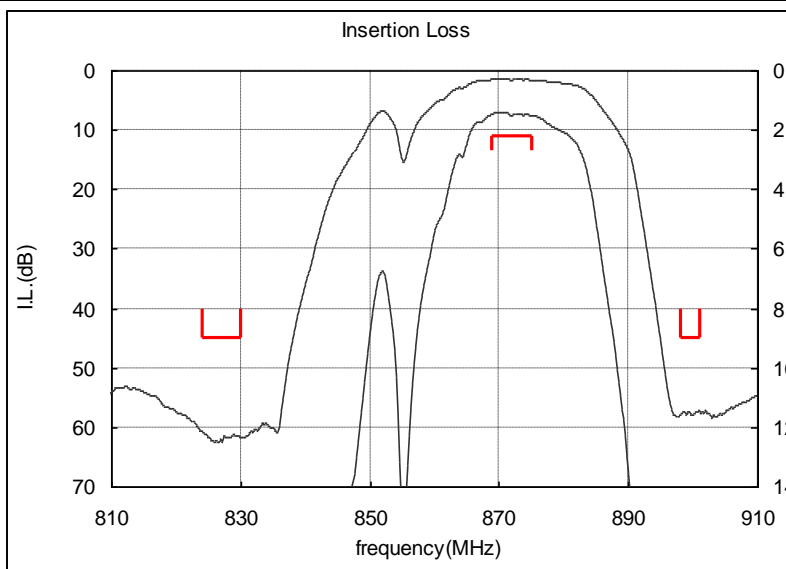
Frequency Performance



SAW FILTER FOR J-CDMA

Murata part number :SAYEV827MAB0F00[ANT→Rx]

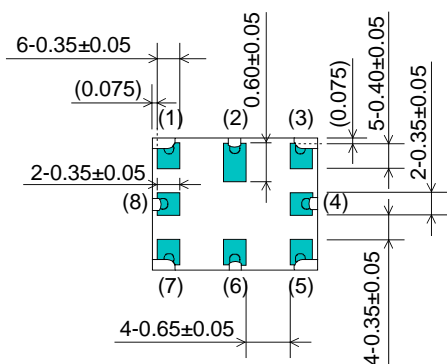
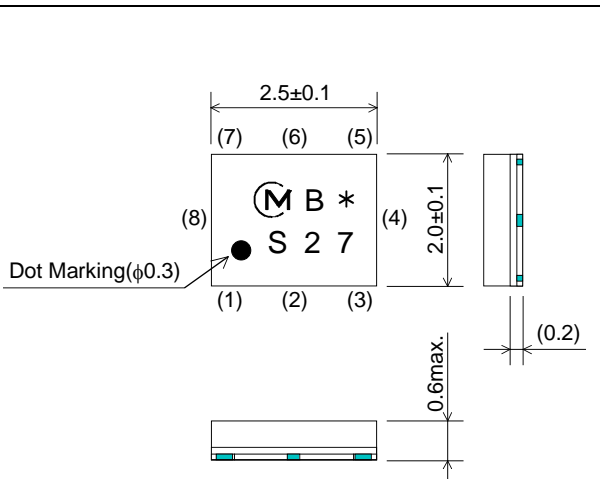
Frequency Performance



SAW FILTER FOR J-CDMA

Murata part number :SAYEV827MAB0F00[Tx →Rx]

■ Package Dimensions



Marking
: Laser Printing

(1) : Tx
(3) : Rx
(6) : ANT
Others : Ground

Unit : mm

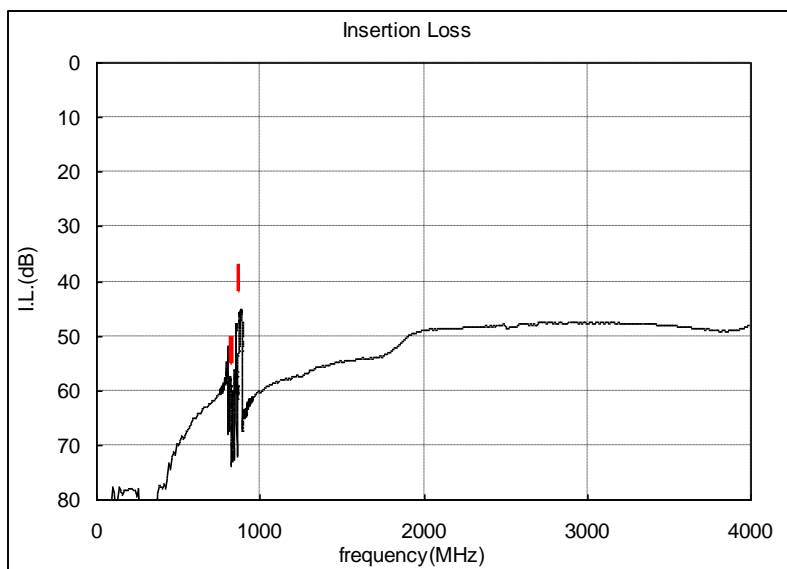
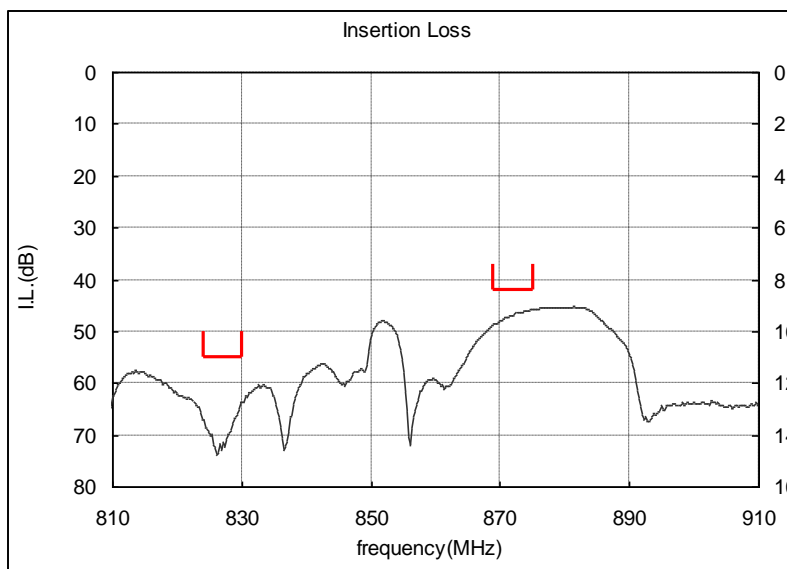
■ Specification

Item	Specification		
	-30 to 85°C	25±2°C	typ.
Isolation			
1) 824 to 930 MHz	55 dB min.	55 dB min.	64 dB
2) 869 to 975 MHz	42 dB min.	42 dB min.	45 dB

SAW FILTER FOR J-CDMA

Murata part number :SAYEV827MAB0F00[Tx →Rx]

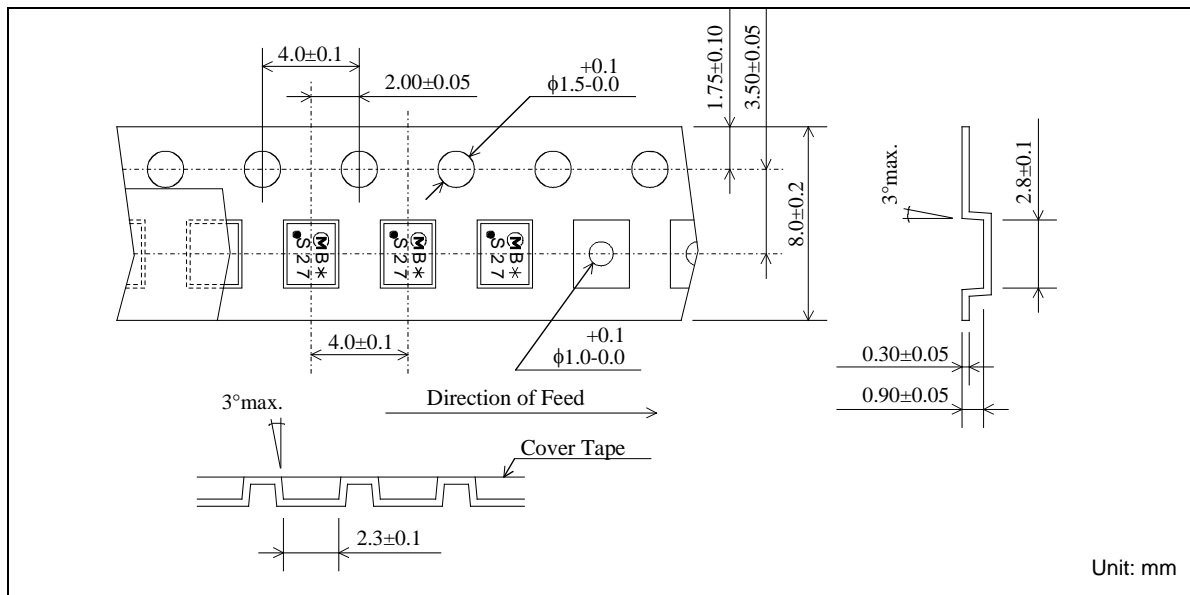
Frequency Performance



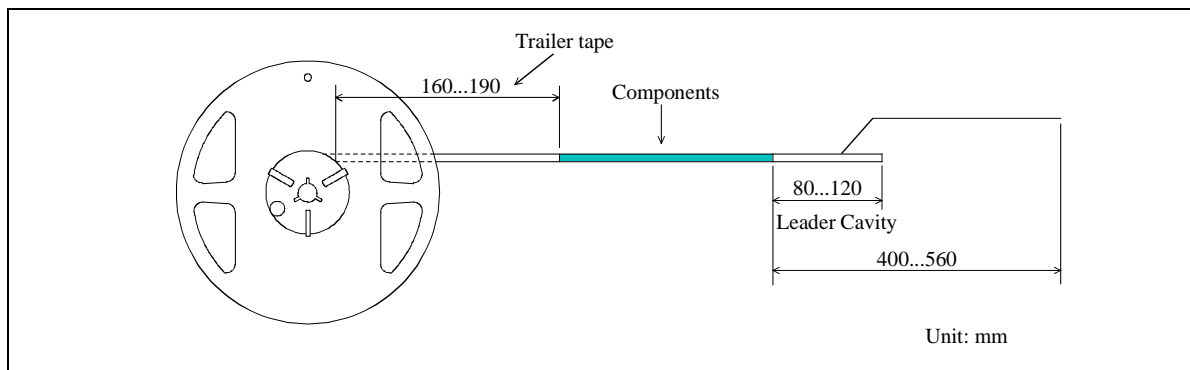
SAW FILTER FOR J-CDMA

Murata part number :SAYEV827MAB0F00

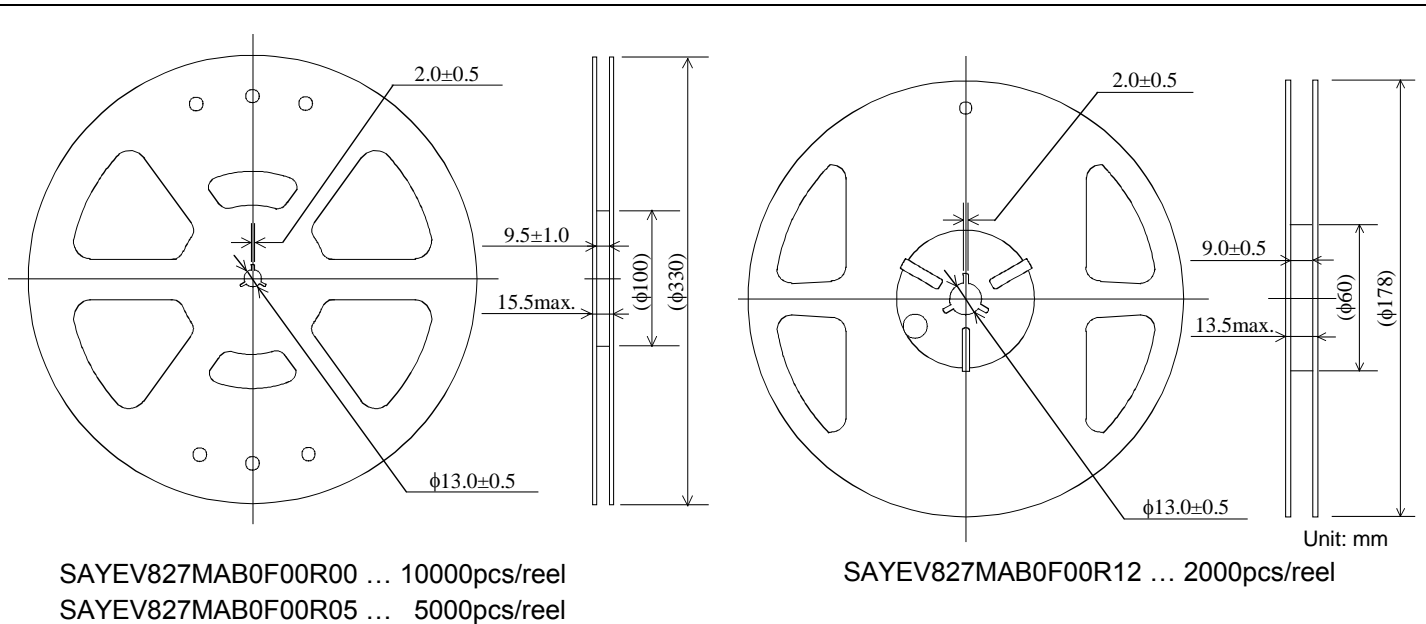
Dimensions of Carrier Tape



Dimensions of Tape



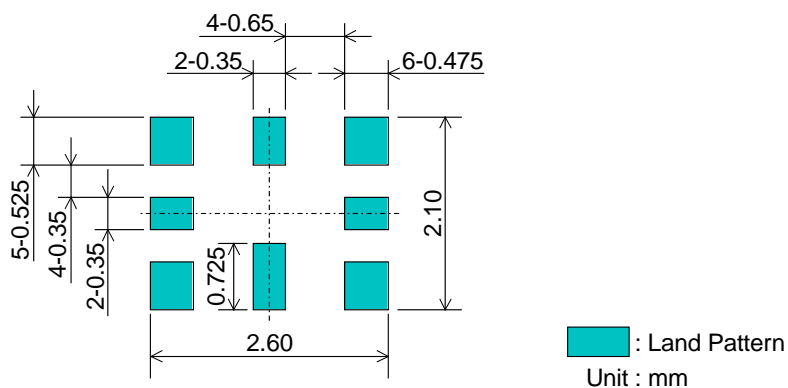
Dimensions of Reel



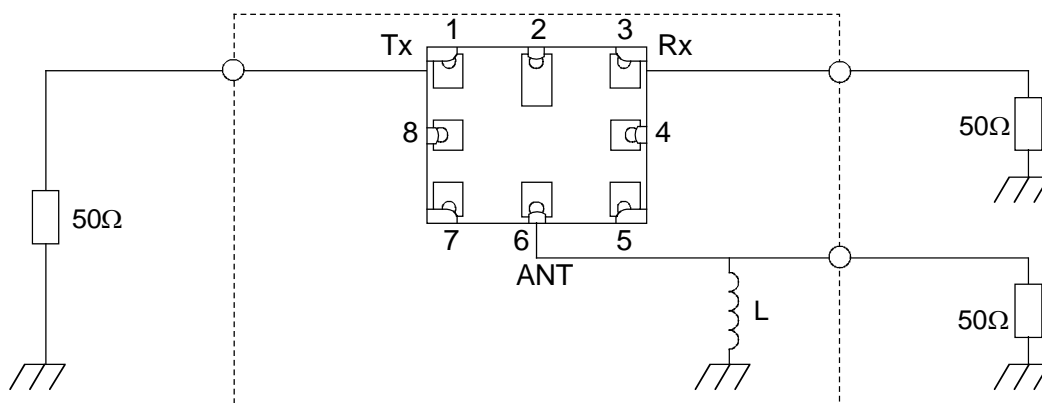
SAW FILTER FOR J-CDMA

Murata part number :SAYEV827MAB0F00

Recommended Land Pattern



Test Circuit



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