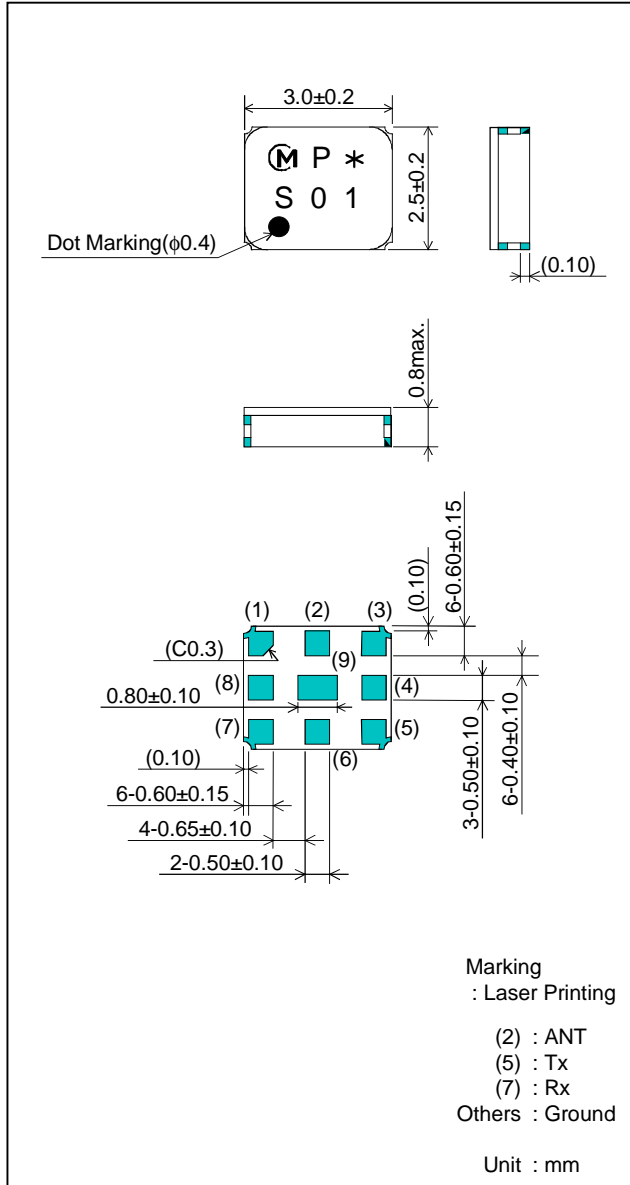


SAW DPX FOR CDMA800/UMTS BC5 LR type

Murata part number :SAYZW836MAD0F00

[Tx → ANT]

Package Dimensions



Specification

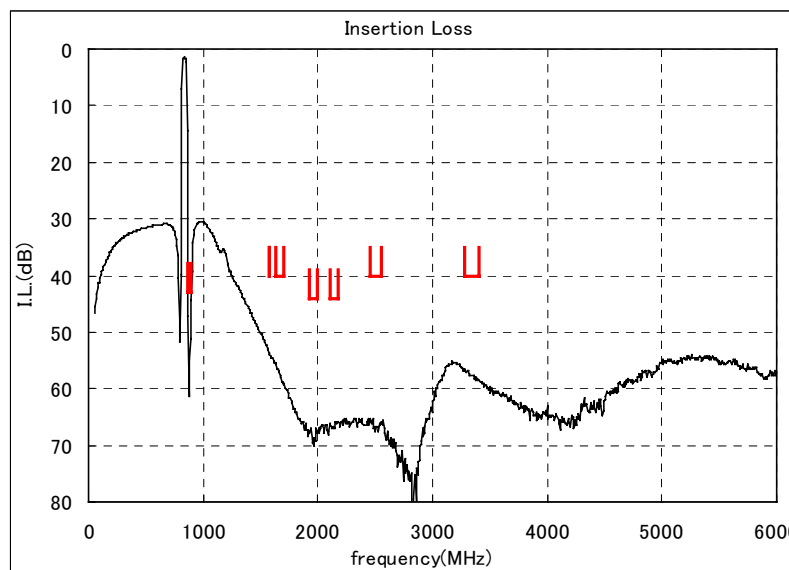
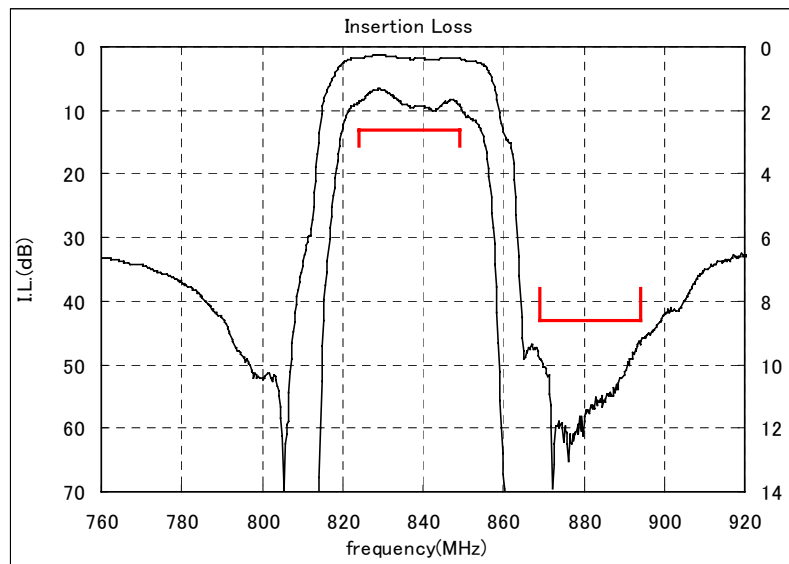
Item	Specification	
	-30 to +85°C	typ.
Nominal Center Frequency(fc)	836.5 MHz	
Insertion Loss (824 to 849MHz)	2.6 dB max.	2.4 dB
(824 to 849MHz)(25±2°C)	2.5 dB max.	2.0 dB
Absolute Attenuation		
1) 869 to 894 MHz	43 dB min.	46 dB
2) 1574.4 to 1576.4 MHz	40 dB min.	51 dB
3) 1638 to 1708 MHz	40 dB min.	53 dB
4) 1930 to 1990 MHz	44 dB min.	63 dB
5) 2110 to 2170 MHz	44 dB min.	63 dB
6) 2462 to 2557 MHz	40 dB min.	60 dB
7) 3286 to 3406 MHz	40 dB min.	57 dB
Ripple Deviation (824 to 849MHz)	1.8 dB max.	0.7 dB
VSWR (824 to 849MHz)(Tx)	2.3 max.	2.0
(824 to 849MHz)(ANT)	2.0 max.	1.7
Input/Output Impedance (nominal)	50Ω	
Input Signal Level	1.0W, 50000 hours(50°C)	

SAW DPX FOR CDMA800/UMTS BC5 LR type

Murata part number :SAYZW836MAD0F00

[Tx→ANT]

■ Frequency Performance

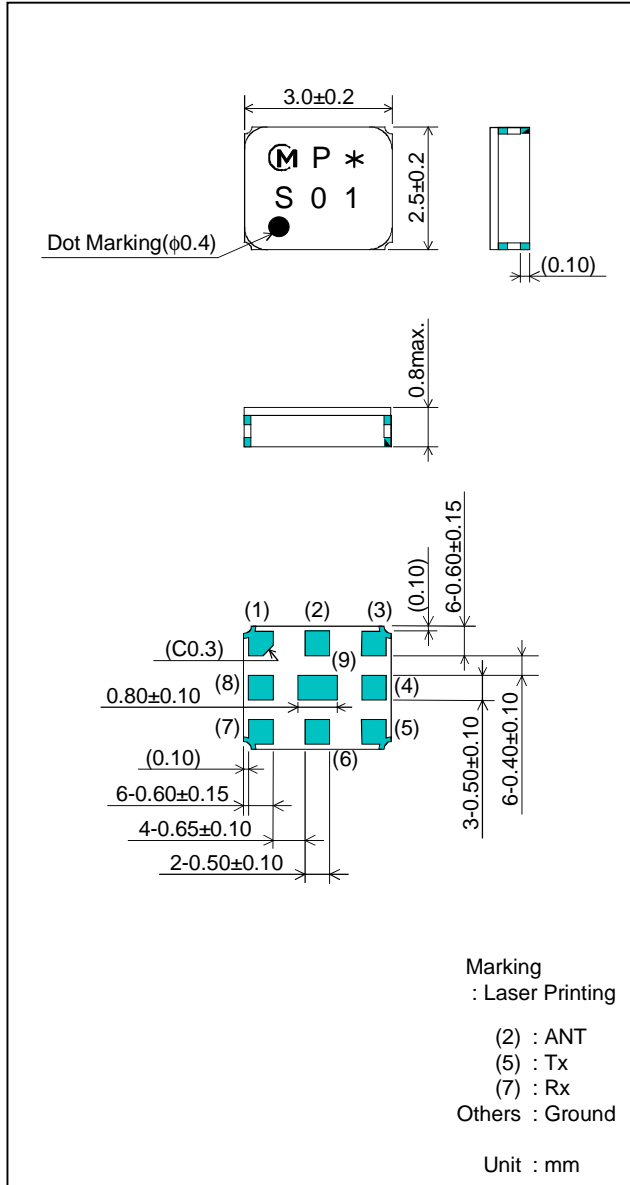


SAW DPX FOR CDMA800/UMTS BC5 LR type

Murata part number :SAYZW836MAD0F00

[ANT → Rx]

Package Dimensions



Specification

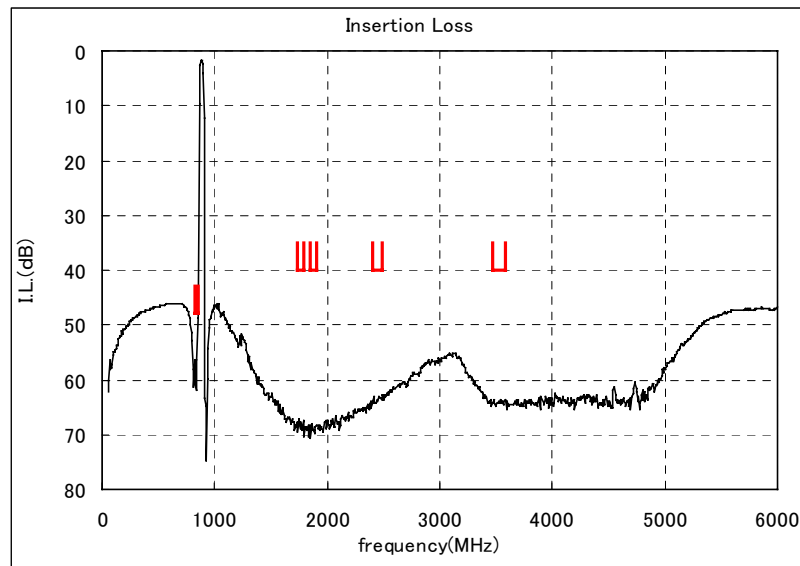
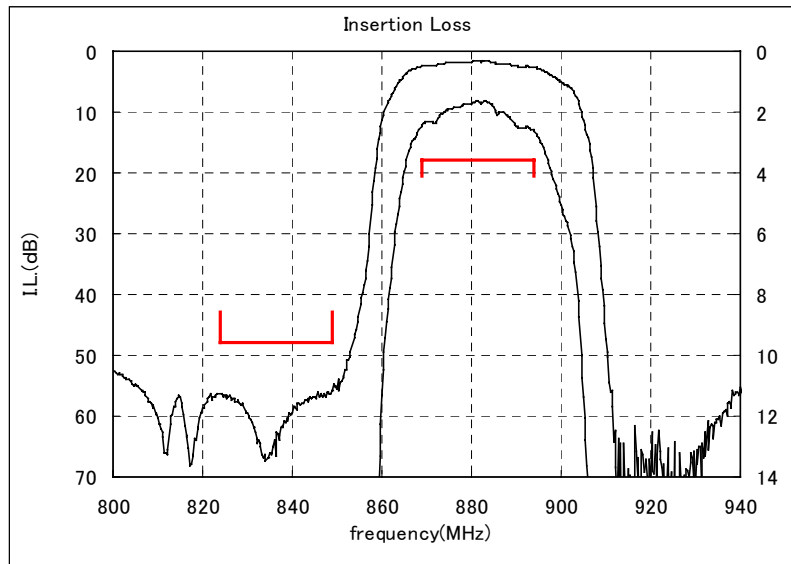
Item	Specification	
	-30 to +85°C	typ.
Nominal Center Frequency(fc)	881.5 MHz	
Insertion Loss (869 to 894MHz)	3.6 dB max.	3.3 dB
	(869 to 894MHz)(25±2°C)	2.6 dB
Absolute Attenuation	1) 824 to 849 MHz	48 dB min. 55 dB
	2) 1738 to 1788 MHz	40 dB min. 65 dB
	3) 1850 to 1910 MHz	40 dB min. 66 dB
	4) 2400 to 2484 MHz	40 dB min. 62 dB
	5) 3476 to 3576 MHz	40 dB min. 63 dB
Ripple Deviation (869 to 894MHz)	2.3 dB max.	1.0 dB
VSWR (869 to 894MHz)(Tx)	2.0 max.	1.6
Input/Output Impedance (nominal)	50Ω	

SAW DPX FOR CDMA800/UMTS BC5 LR type

Murata part number :SAYZW836MAD0F00

[ANT → Rx]

■ Frequency Performance

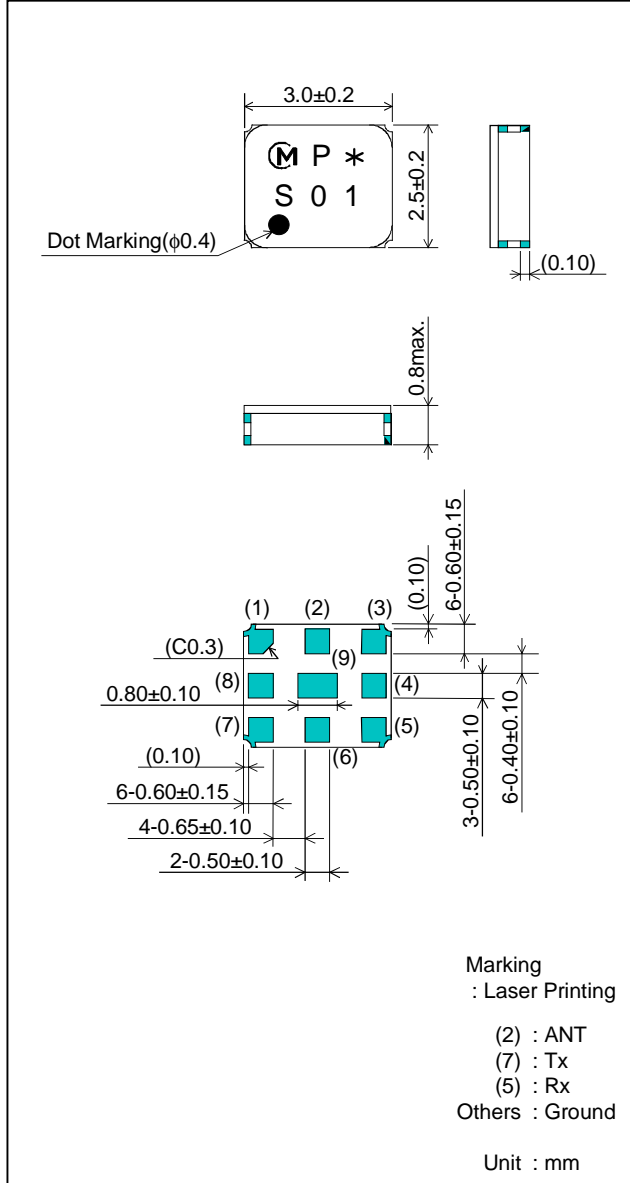


SAW DPX FOR CDMA800/UMTS BC5 LR type

Murata part number :SAYZW836MAD0F00

[Tx→Rx]

Package Dimensions



Specification

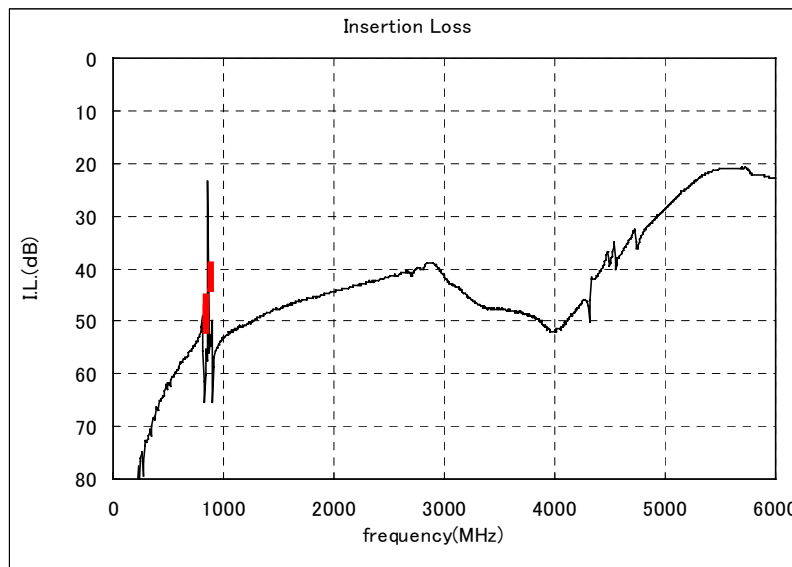
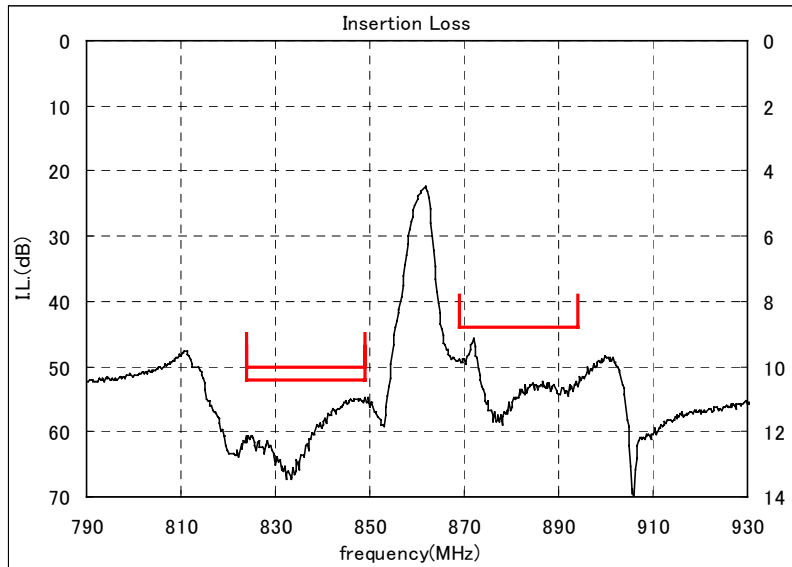
Item	Specification	
	-30 to +85°C	typ.
Isolation		
1) 824 to 849 MHz (-30 to 15°C/65 to 85°C)	50 dB min.	54 dB
2) 824 to 849 MHz (+15 to 65°C)	52 dB min.	54 dB
3) 869 to 894 MHz	44 dB min.	47 dB

SAW DPX FOR CDMA800/UMTS BC5 LR type

Murata part number :SAYZW836MAD0F00

[Tx → Rx]

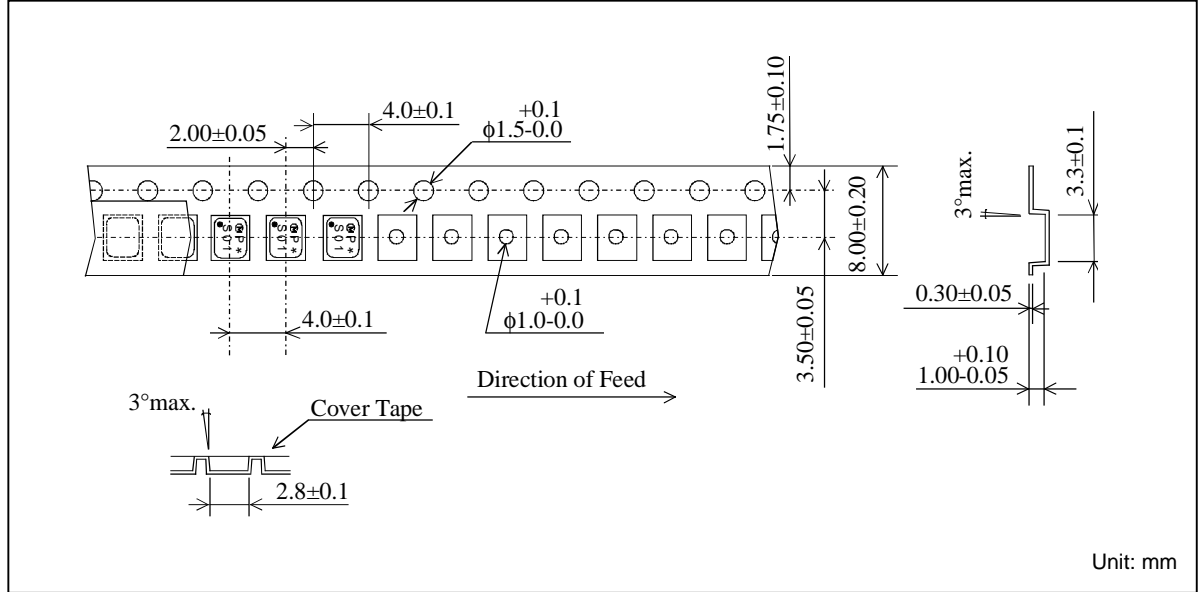
Frequency Performance



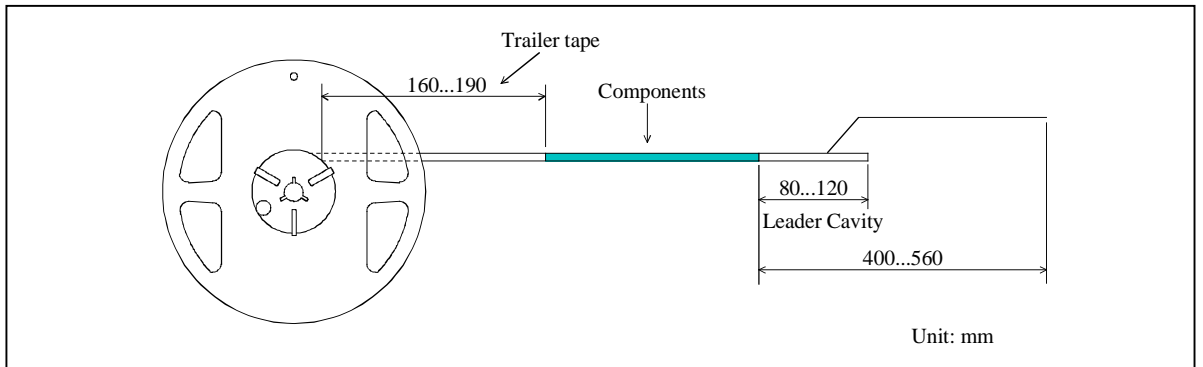
SAW DPX FOR CDMA800/UMTS BC5 LR type

Murata part number :SAYZW836MAD0F00

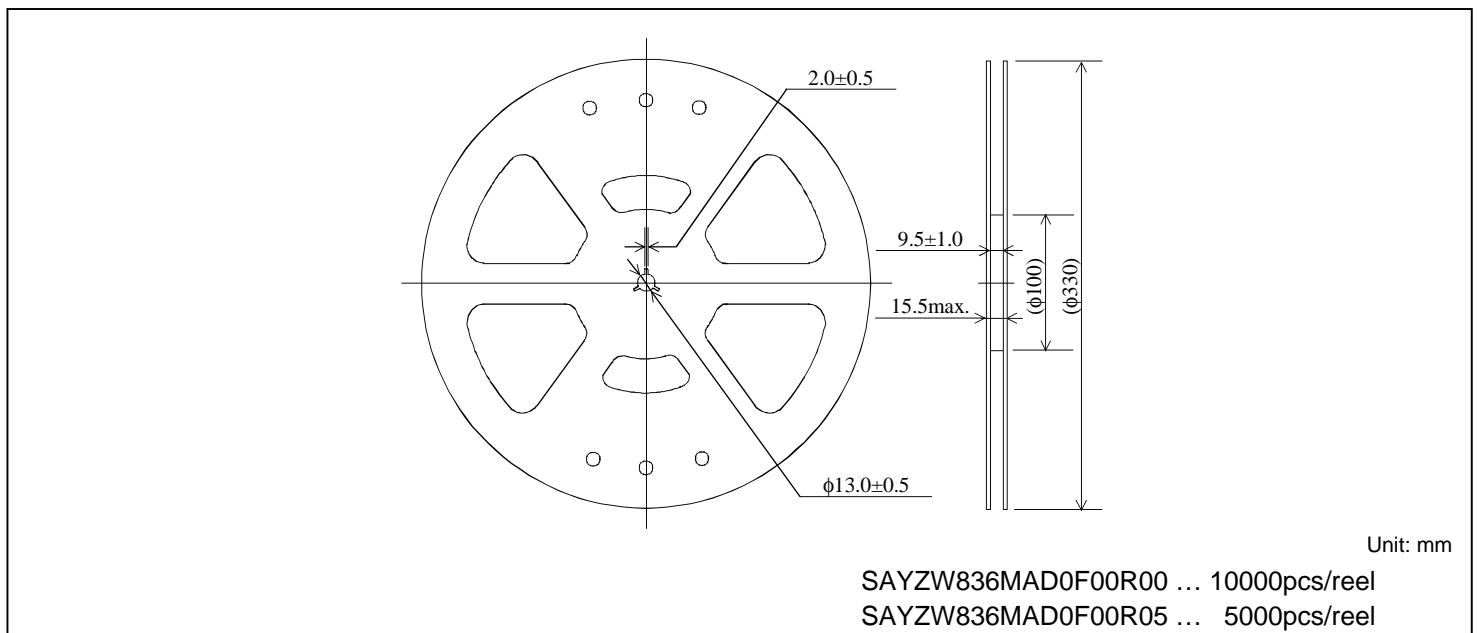
Dimensions of Carrier Tape



Dimensions of Tape



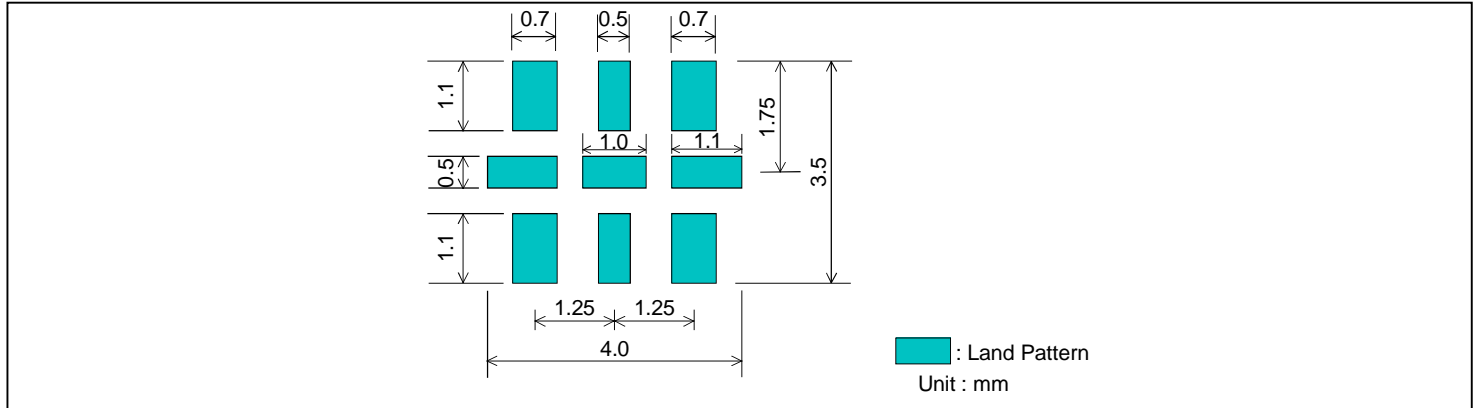
Dimensions of Reel



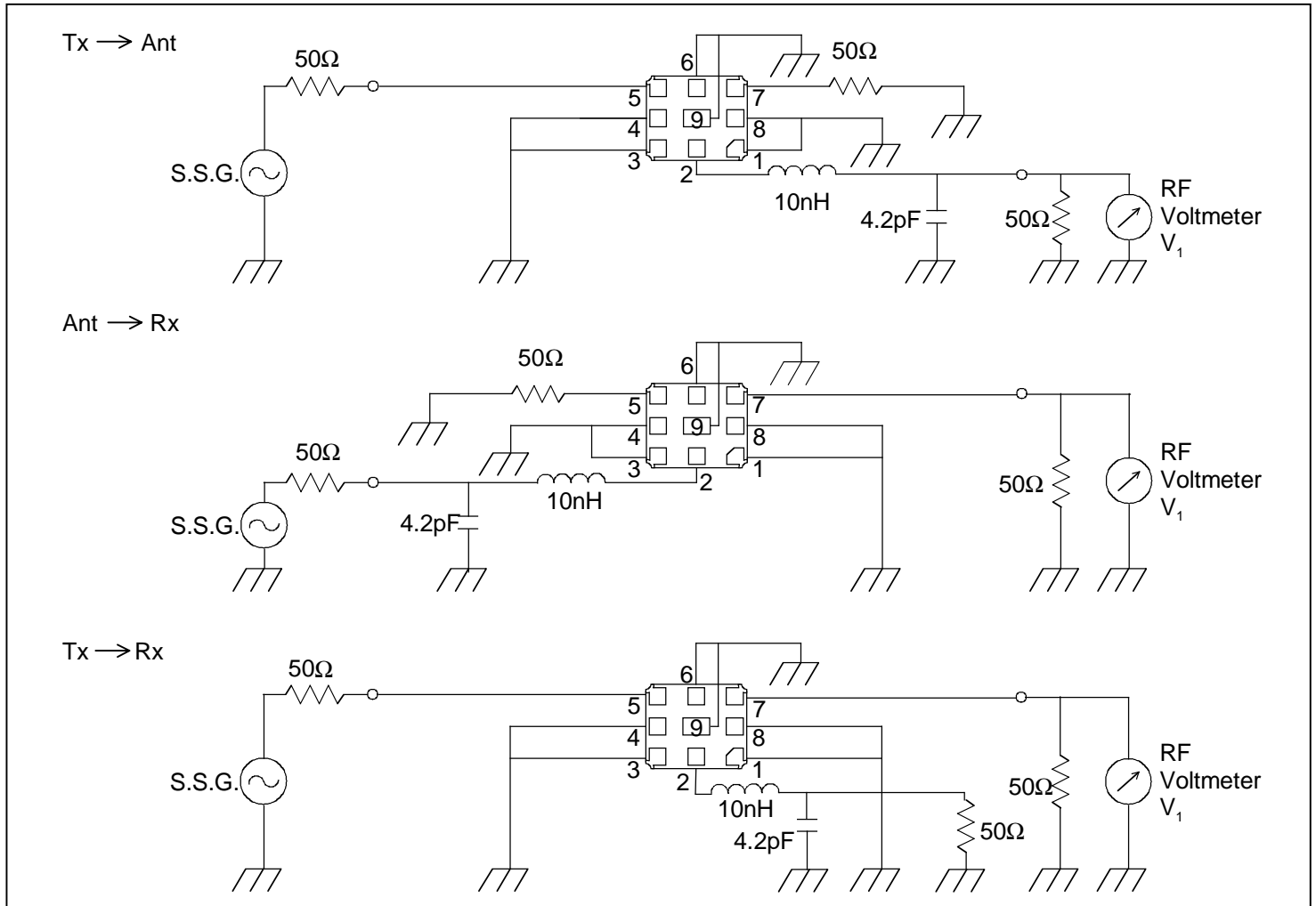
SAW DPX FOR CDMA800/UMTS BC5 LR type

Murata part number :SAYZW836MAD0F00

Recommended Land Pattern



Test Circuit



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