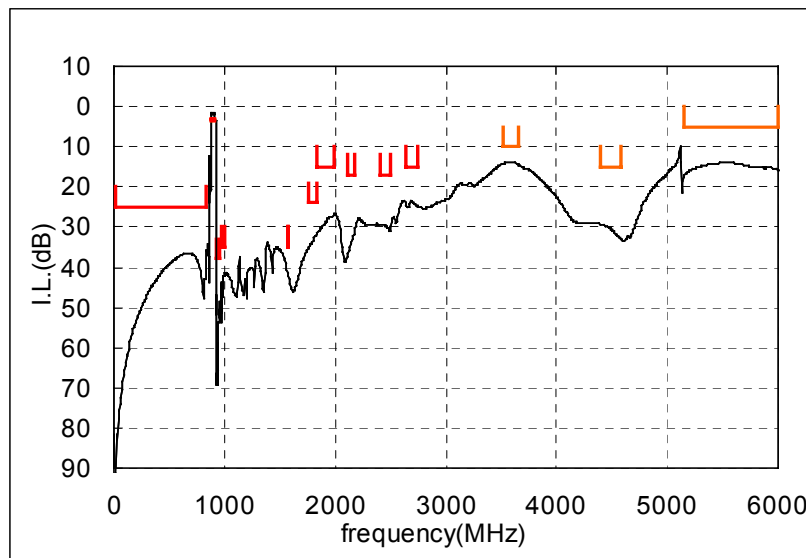
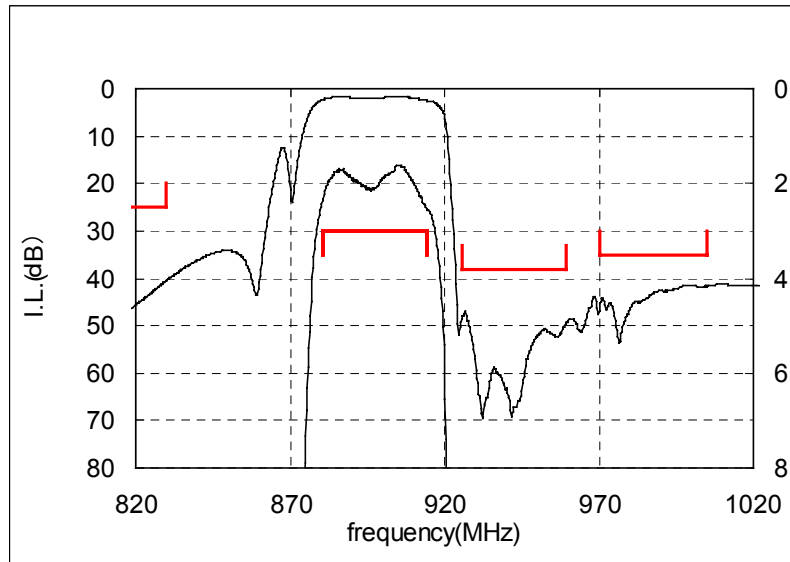


SAW DPX FOR WCDMA Band8 Balance LR type

Murata part number :SAYZZ897MCA0B00

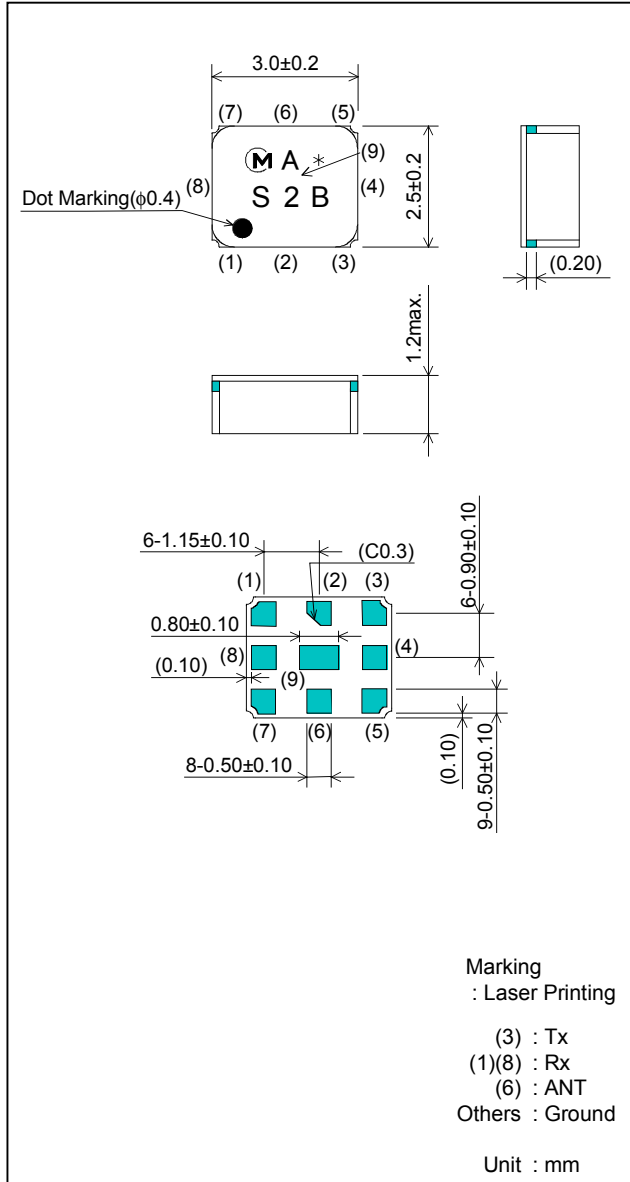
■ Frequency Performance



SAW DPX FOR WCDMA Band8 Balance LR type

Murata part number : SAYZZ897MCA0B00 [ANT→Rx]

Package Dimensions



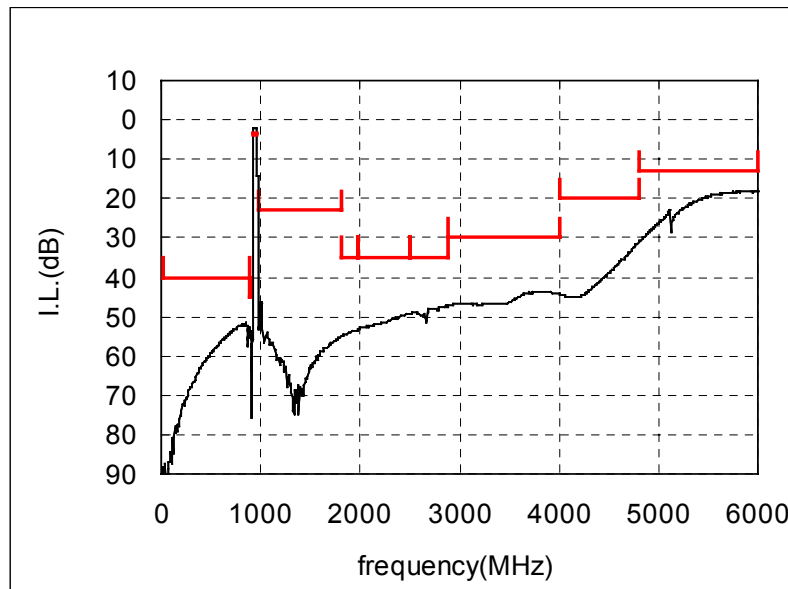
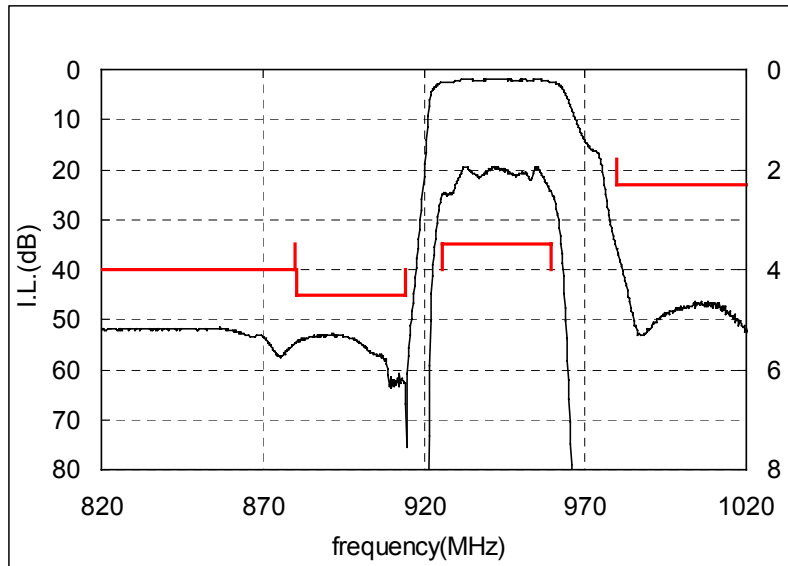
Specification

Item	Specification	
	-15 to 85°C	typ.
Nominal Center Frequency(fc)	942.5MHz	
Insertion Loss (925.48 to 959.52MHz) (925.48 to 959.52MHz) 25±2°C	3.5 dB max. 3.2 dB max.	2.7 dB
Absolute Attenuation		
1) 10 to 880 MHz	40 dB min.	50 dB
2) 880.48 to 914.52 MHz	45 dB min.	52 dB
3) 880.48 to 914.52 MHz(25±2°C)	48 dB min.	52 dB
4) 980 to 1805 MHz	23 dB min.	34 dB
5) 1805 to 1980 MHz	35 dB min.	52 dB
6) 1980 to 2500 MHz	35 dB min.	48 dB
7) 2500 to 2880 MHz	35 dB min.	46 dB
8) 2880 to 4000 MHz	35 dB min.	42 dB
9) 4000 to 4810 MHz	25 dB min.	31 dB
10) 4810 to 6000 MHz	14 dB min.	18 dB
Ripple Deviation (925.48 to 959.52MHz)	1.9 dB max.	0.8 dB
Any 3.84MHz Ripple Devision (925.48 to 959.52MHz)	1.2 dB max.	0.4 dB
VSWR (925.48 to 959.52MHz)	2.0 max.	1.6
Amplitude Balance (925.48 to 959.52MHz)	±1.0dB max.	0.4dB max.
Phase Balance (925.48 to 959.52MHz)	180±10deg. max.	180+5deg. max.
ANT Port Matching Impedance(normal)	50Ω	
Tx Port Matching Impedance(normal)	50Ω	
Rx Port Matching Impedance(normal)	100Ω	

SAW DPX FOR WCDMA Band8 Balance LR type

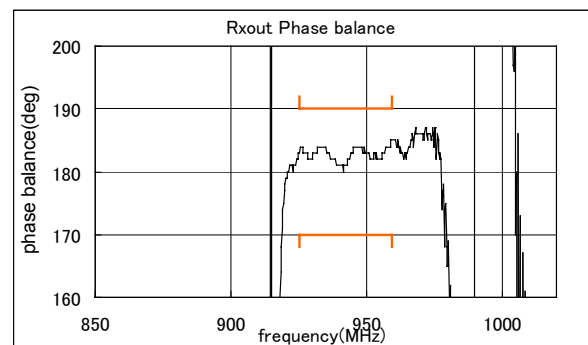
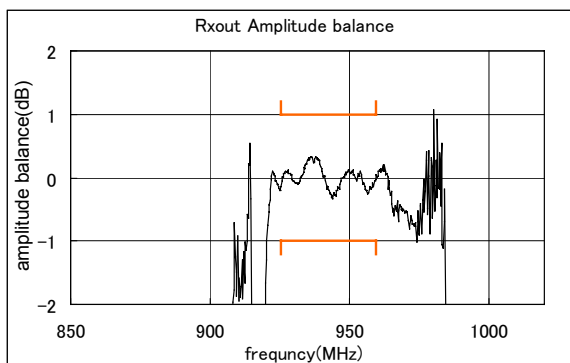
Murata part number :SAYZZ897MCA0B00

■ Frequency Performance



Amplitude balance

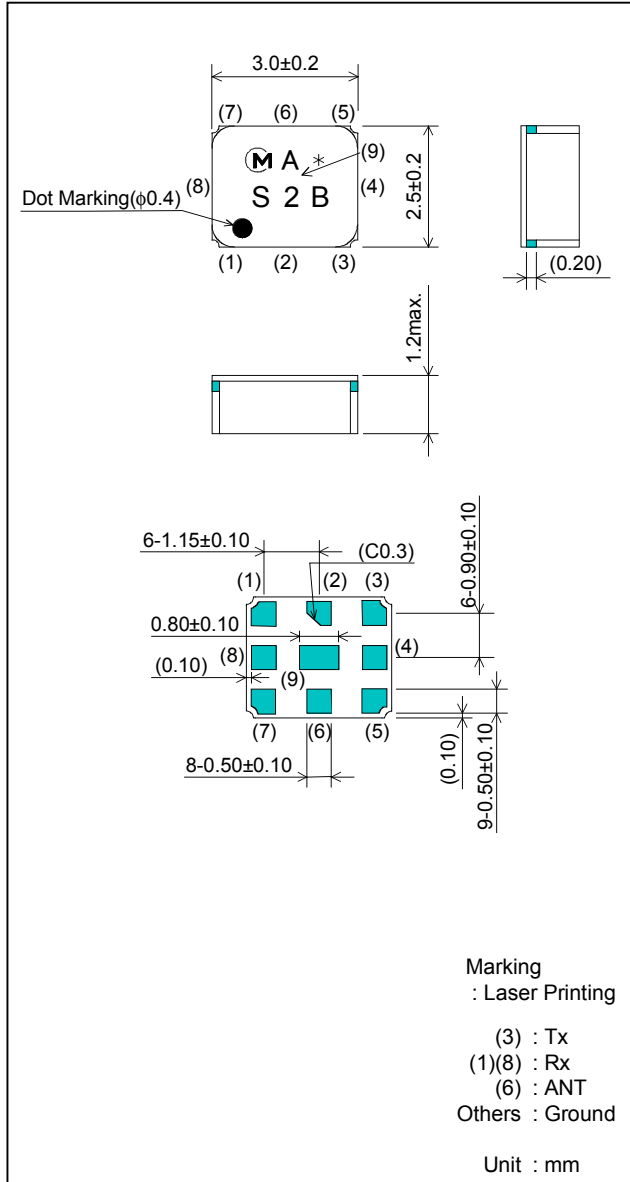
Phase balance



SAW DPX FOR WCDMA Band8 Balance LR type

Murata part number : SAYZZ897MCA0B00 [Tx → Rx]

Package Dimensions



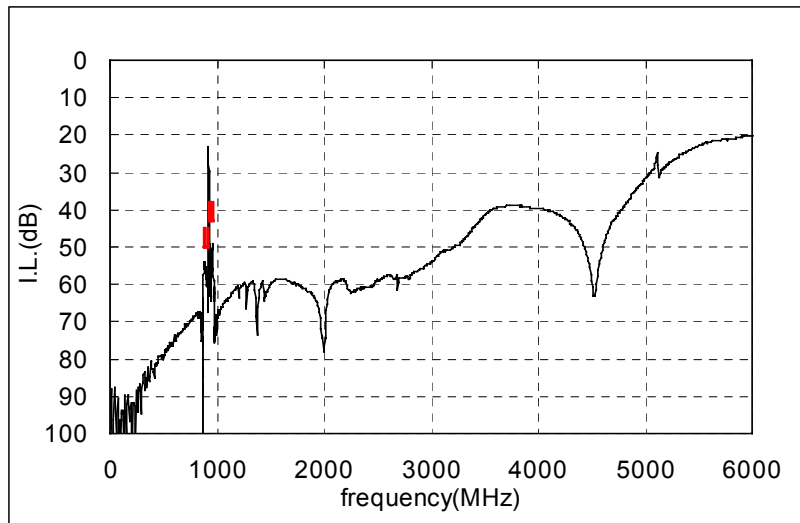
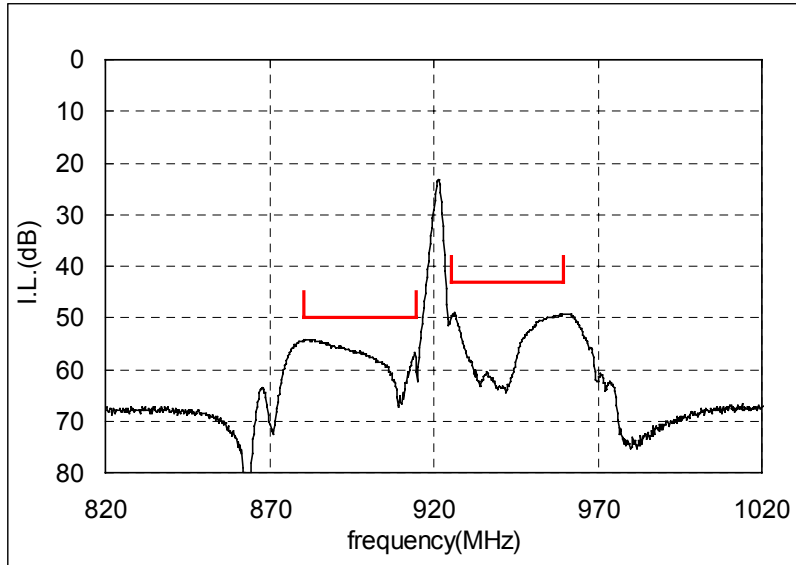
Specification

Item	Specification	
	-15 to 85°C	typ.
Isolation		
1) 880.48 to 914.52 MHz	50 dB min.	53 dB
2) 925.48 to 959.52 MHz	43 dB min.	48 dB
3) 1760 to 1830 MHz	50 dB min.	60 dB

SAW DPX FOR WCDMA Band8 Balance LR type

Murata part number :SAYZZ897MCA0B00

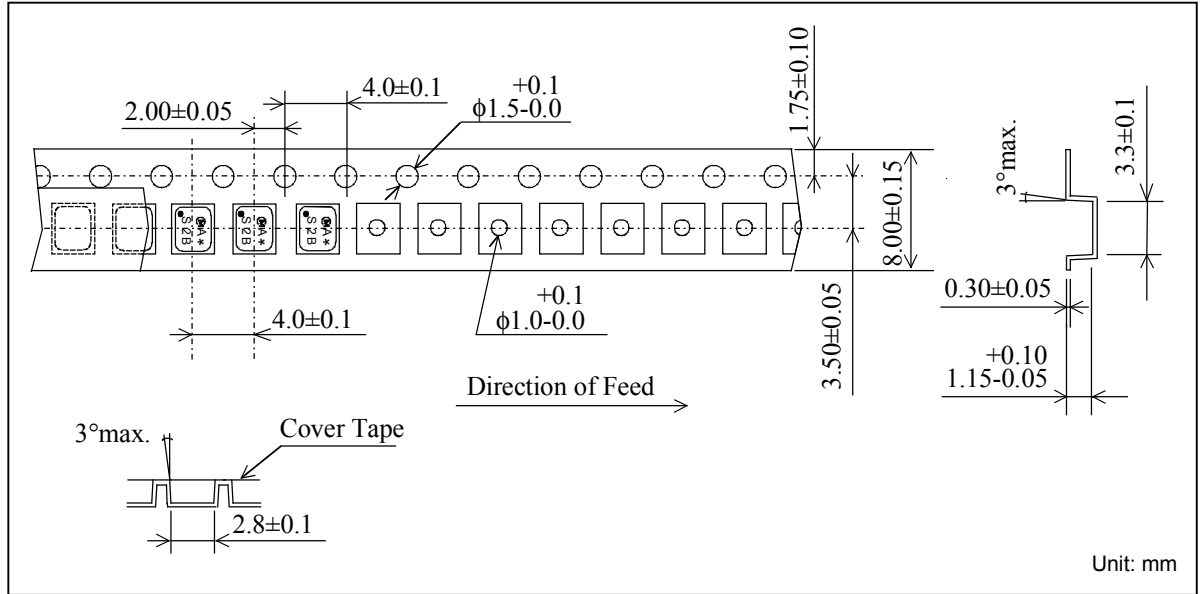
■ Frequency Performance



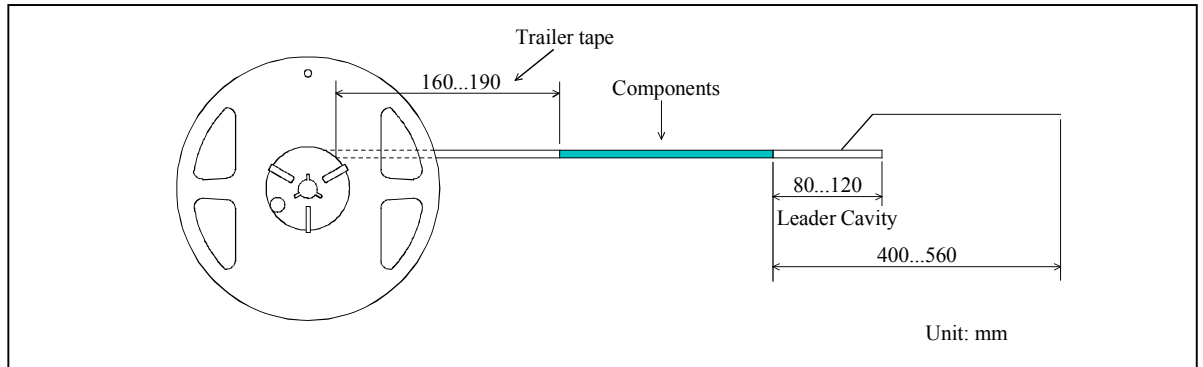
SAW DPX FOR WCDMA Band8 Balance LR type

Murata part number :SAYZZ897MCA0B00

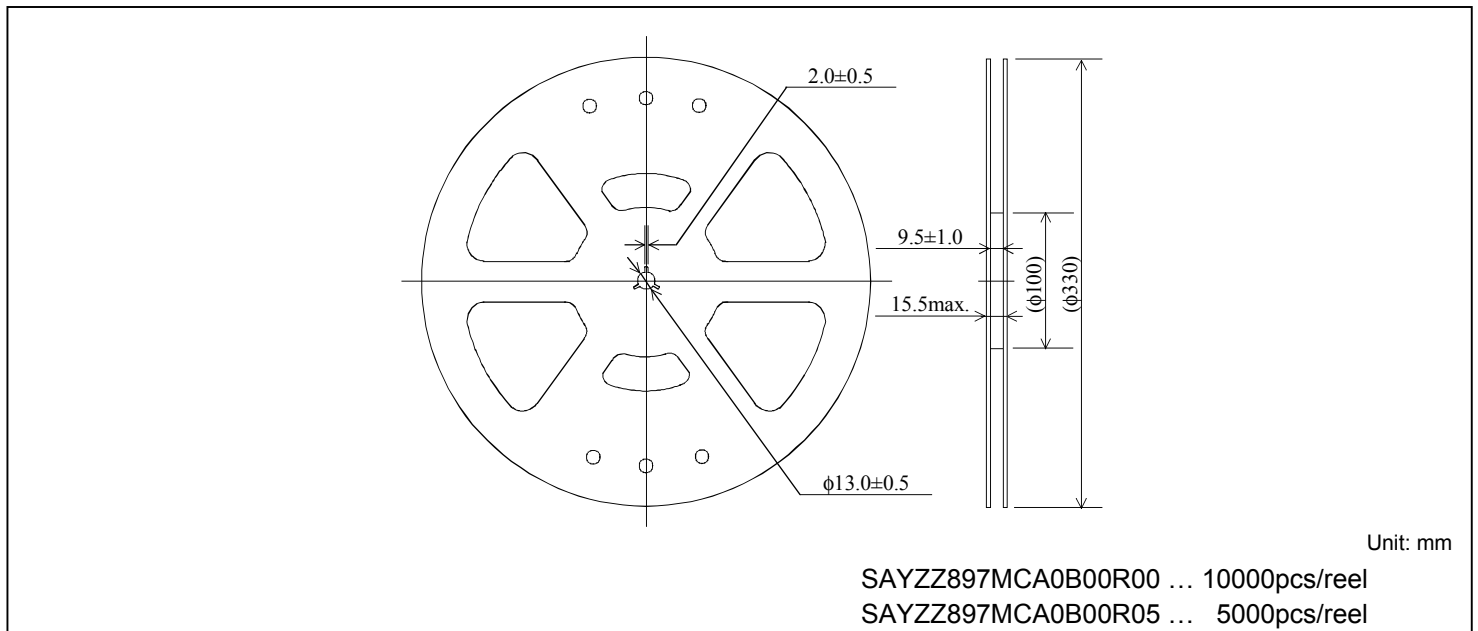
■ Dimensions of Carrier Tape



■ Dimensions of Tape



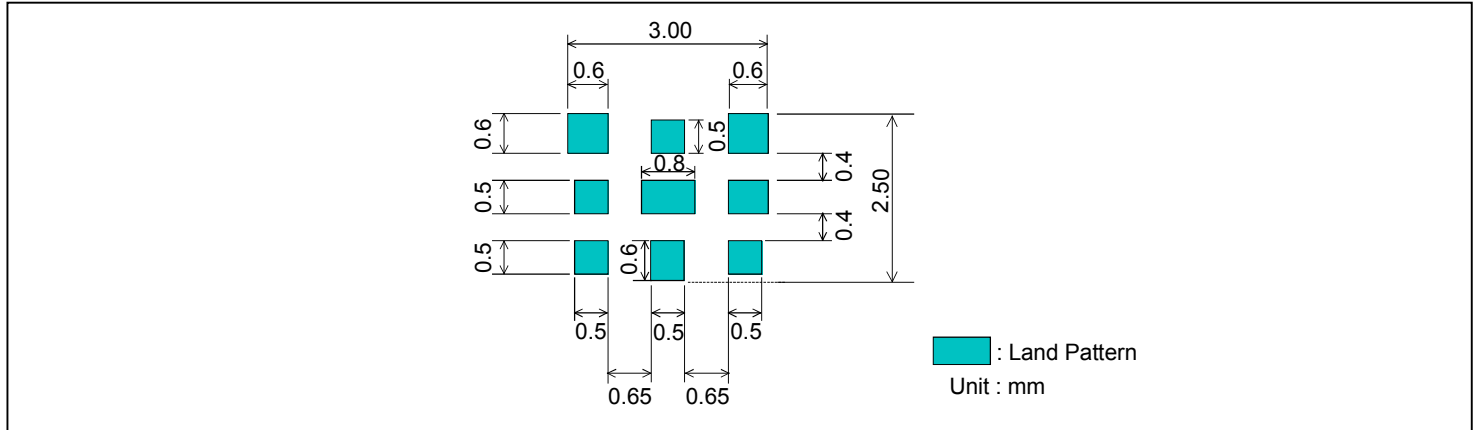
■ Dimensions of Reel



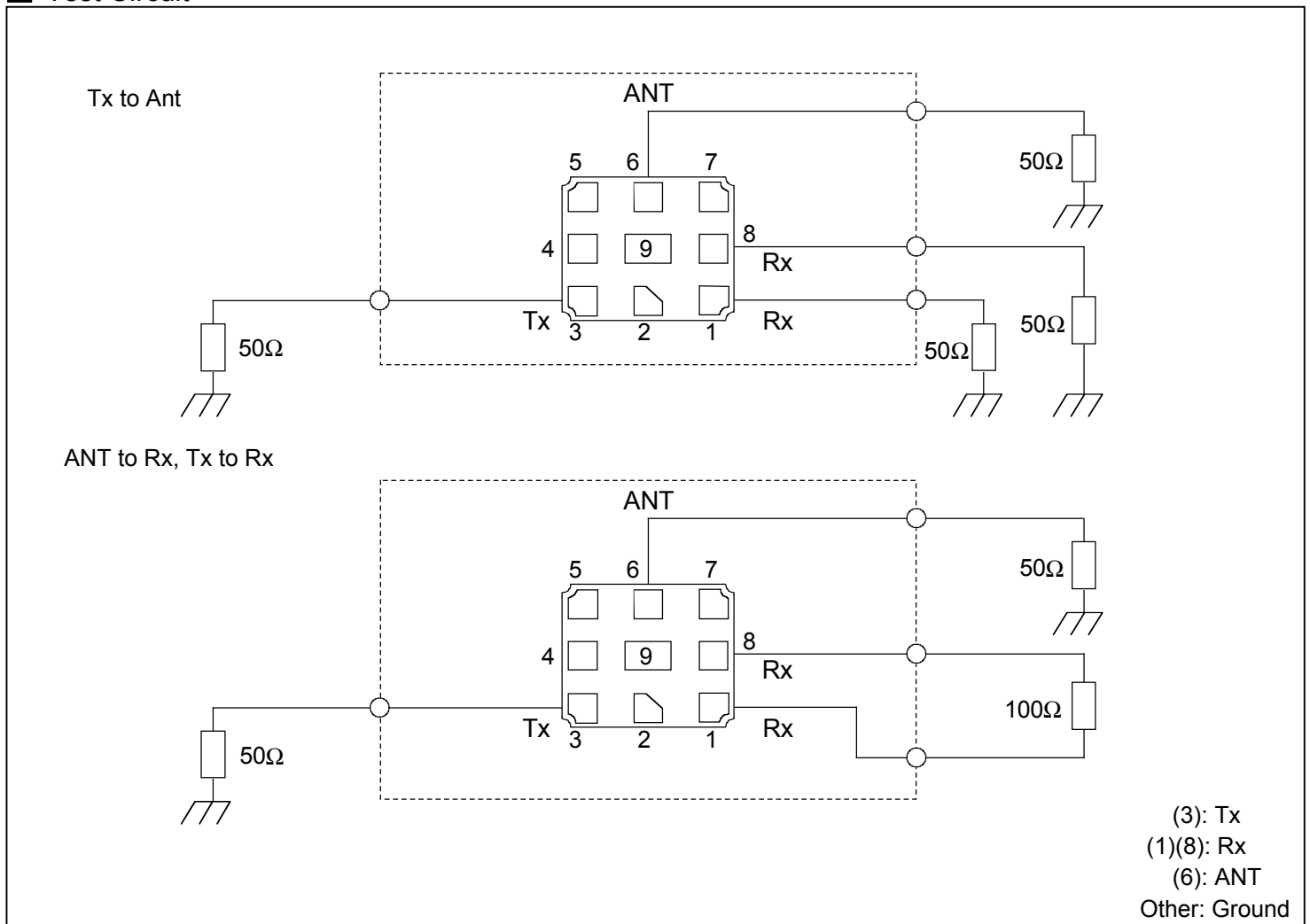
SAW DPX FOR WCDMA Band8 Balance LR type

Murata part number :SAYZZ897MCA0B00

Recommended Land Pattern



Test Circuit



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