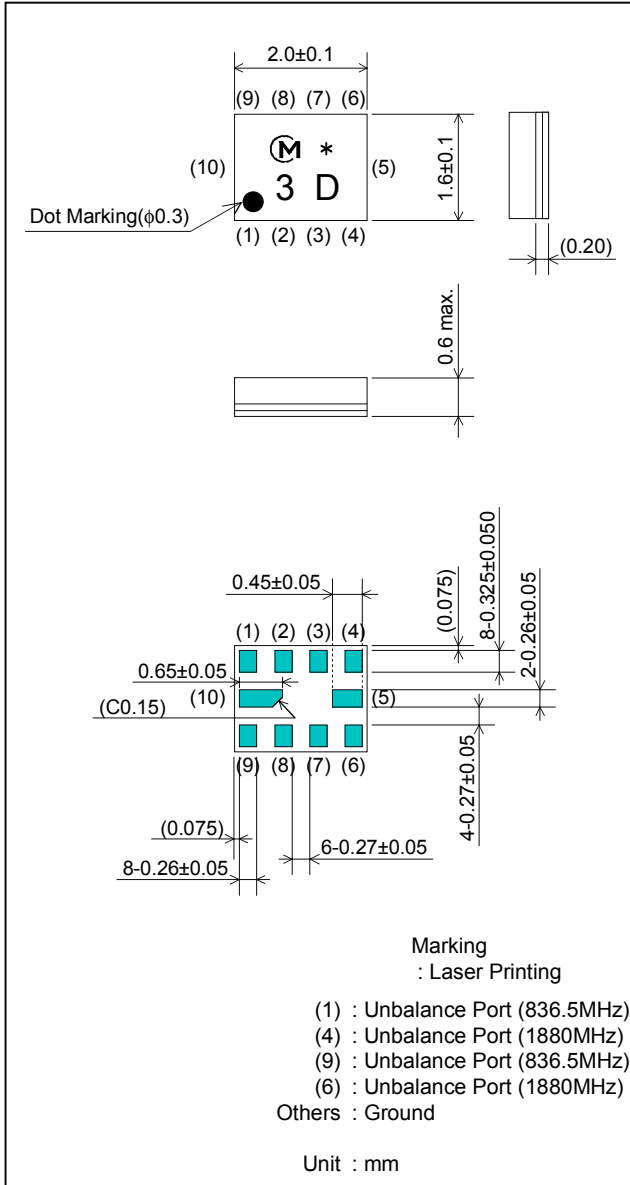


SAW FILTER FOR CDMA800/1900 (Tx)

Murata part number : SAWEP836MFH2F00R00 (fc=836.5Hz)

■ Package Dimensions



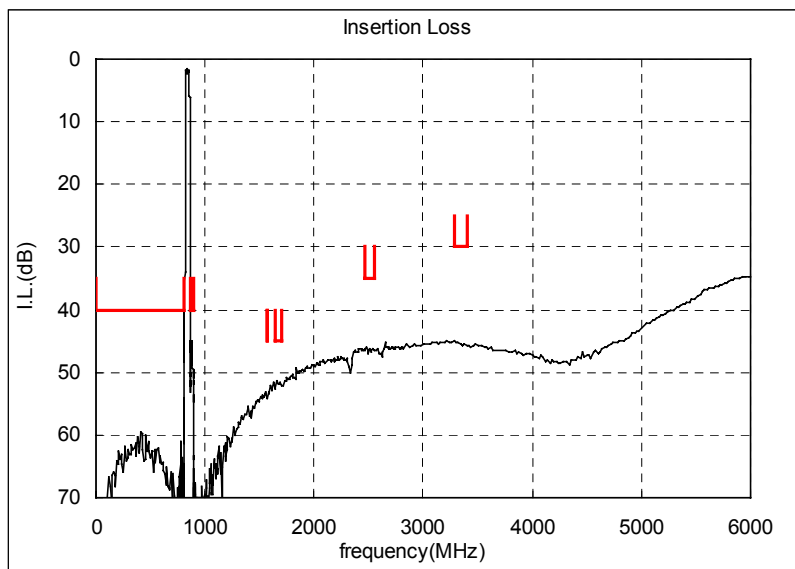
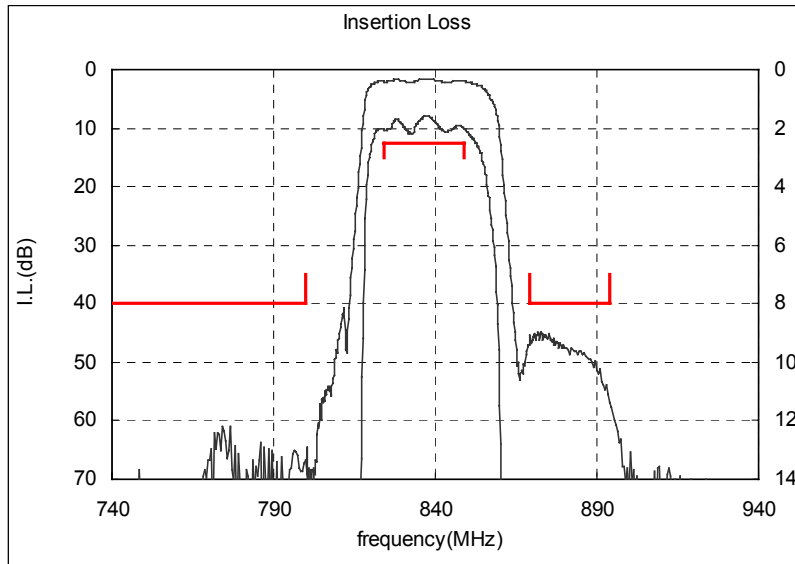
■ Specification

Item	Specification	
	-30 to +85°C	typ.
Nominal Center Frequency(fc)	836.5 MHz	
Insertion Loss (824 to 849 MHz)	2.5 dB max.	2.1 dB
Absolute Attenuation		
1) 0.1 to 800 MHz	40 dB min.	60 dB
2) 869 to 894 MHz	40 dB min.	45 dB
3) 1574 to 1577 MHz	45 dB min.	53 dB
4) 1638 to 1708 MHz	45 dB min.	51 dB
5) 2462 to 2557 MHz	35 dB min.	46 dB
6) 3286 to 3406 MHz	30 dB min.	45 dB
Ripple Deviation (824 to 849 MHz)	1.5 dB max.	0.6 dB
VSWR (824 to 849 MHz)	2.0 max.	1.7
Unbalance Port Matching Impedance (nominal)	50Ω	
Input Signal Level	31.6mW (+15dBm), 2000 hours	

SAW FILTER FOR CDMA800/1900 (Tx)

Murata part number : SAWEP836MFH2F00R00 (fc=836.5Hz)

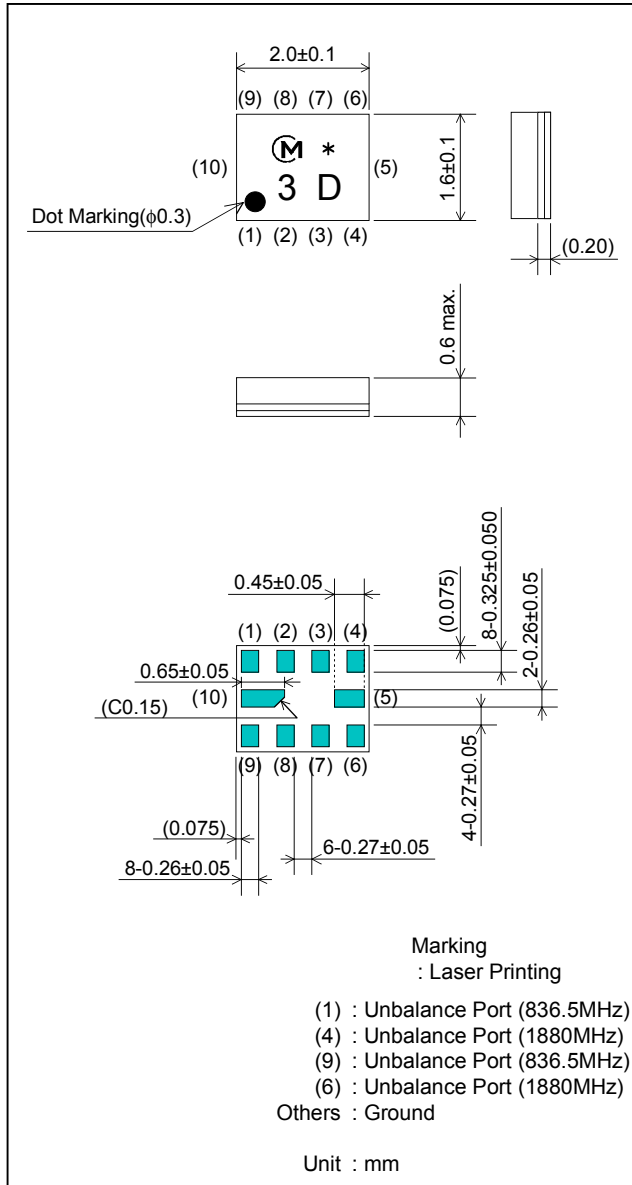
■ Frequency Performance



SAW FILTER FOR CDMA800/1900 (Tx)

Murata part number : SAWEP836MFH2F00R00 (fc=1880MHz)

■ Package Dimensions



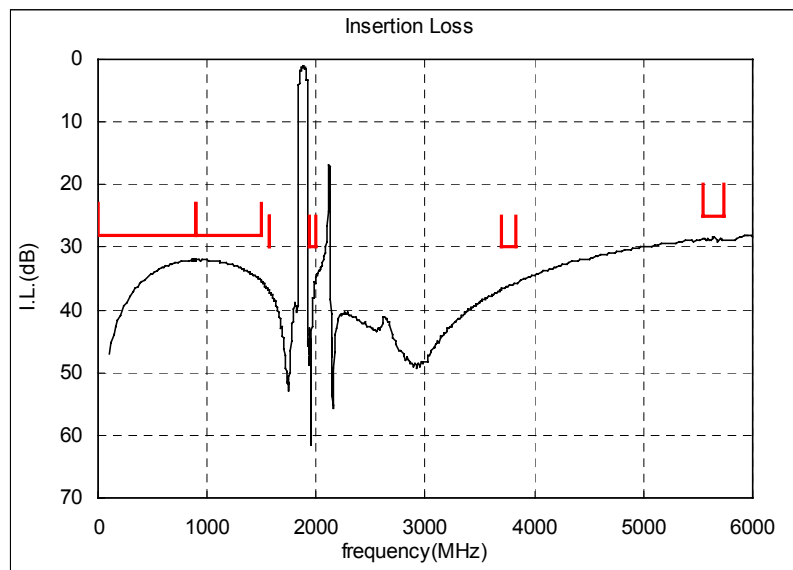
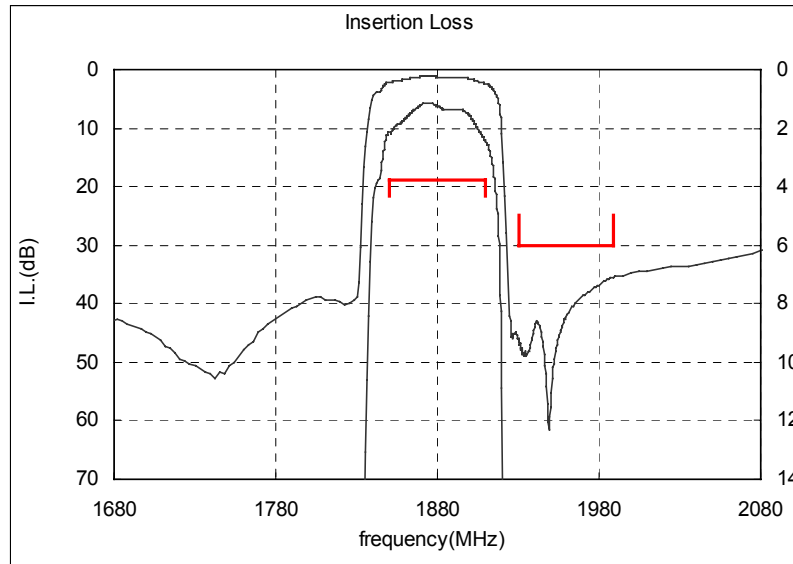
■ Specification

Item	Specification	
	-30 to +85°C	typ.
Nominal Center Frequency(fc)	1880 MHz	
Insertion Loss (1850.625 to 1909.375 MHz)	3.8 dB max.	2.2 dB
Absolute Attenuation		
1) 0.1 to 894 MHz	28 dB min.	32 dB
2) 894 to 1500 MHz	28 dB min.	32 dB
3) 1574 to 1577 MHz	30 dB min.	37 dB
4) 1930.625 to 1989.375 MHz	30 dB min.	36 dB
5) 3690 to 3830 MHz	30 dB min.	35 dB
6) 5540 to 5740 MHz	25 dB min.	27 dB
Ripple Deviation (1850.625 to 1909.375 MHz)	2.8 dB max.	1.2 dB
VSWR (1850.625 to 1909.375 MHz)	2.0 max.	1.6
Unbalance Port Matching Impedance (nominal)	50Ω	
Input Signal Level	20mW (+13dBm), 2000 hours	

SAW FILTER FOR CDMA800/1900 (Tx)

Murata part number : SAWEP836MFH2F00R00 (fc=1880MHz)

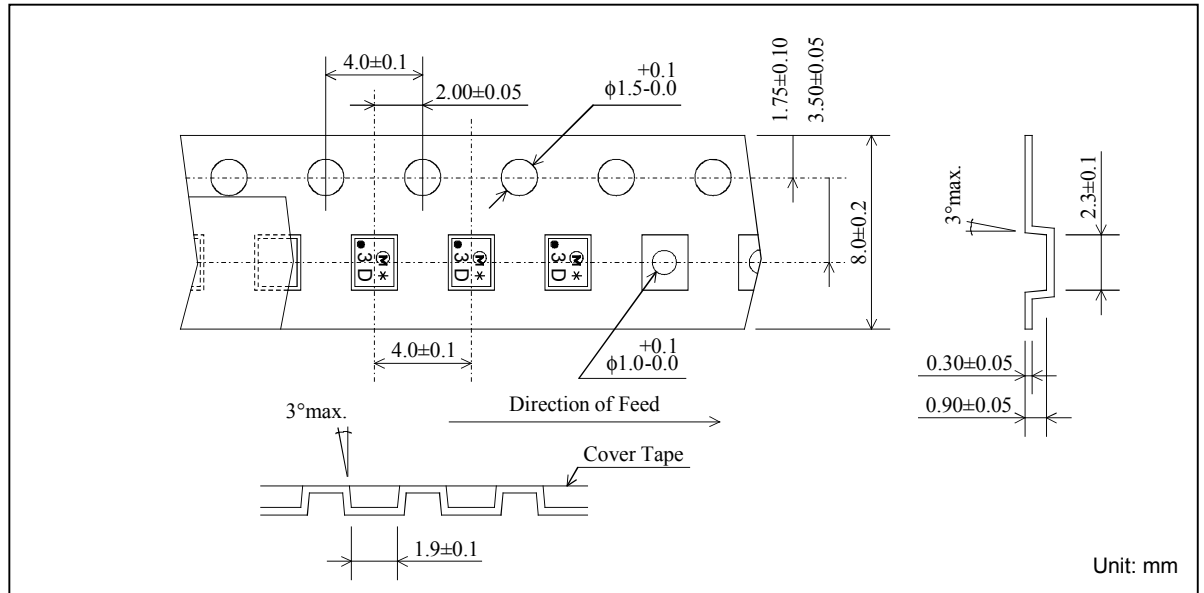
■ Frequency Performance



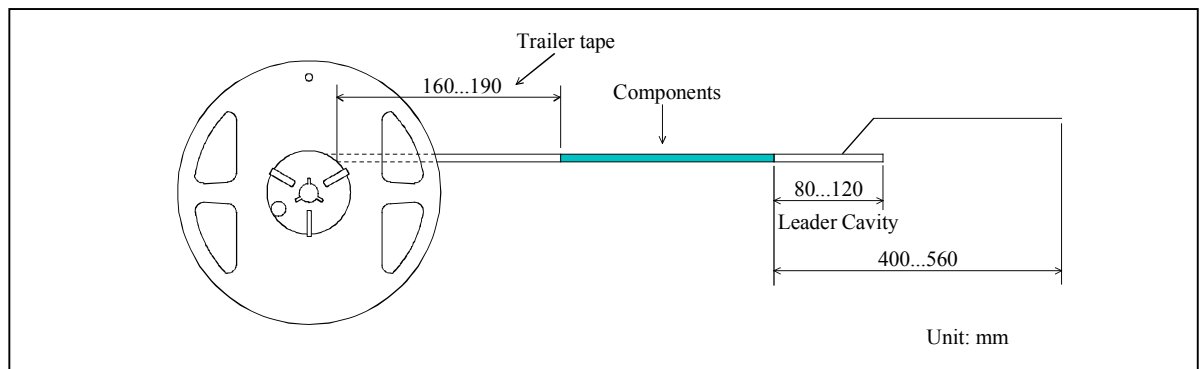
SAW FILTER FOR CDMA800/1900 (Tx)

Murata part number : SAWEP836MFH2F00R00

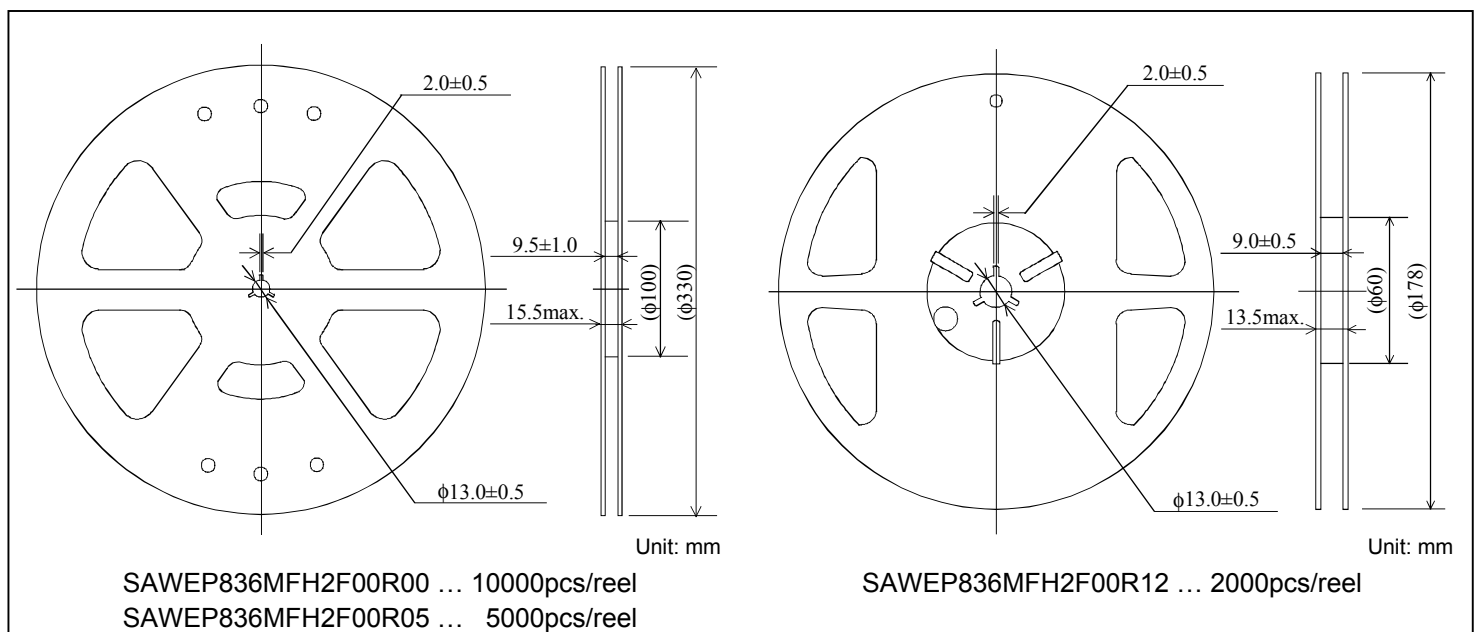
■ Dimensions of Carrier Tape



■ Dimensions of Tape



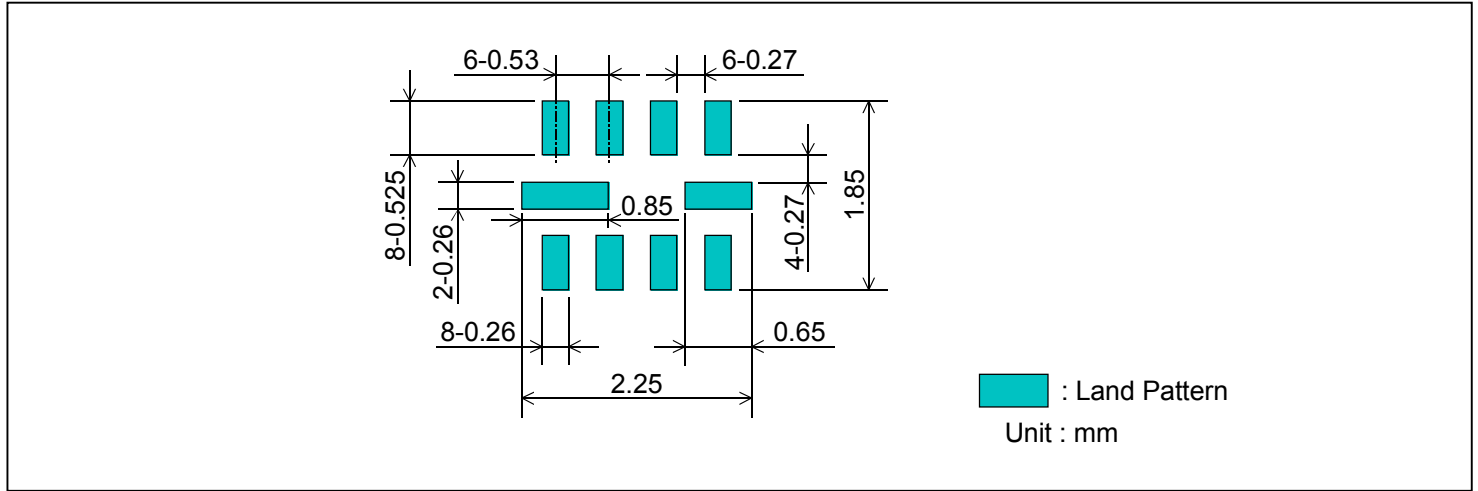
■ Dimensions of Reel



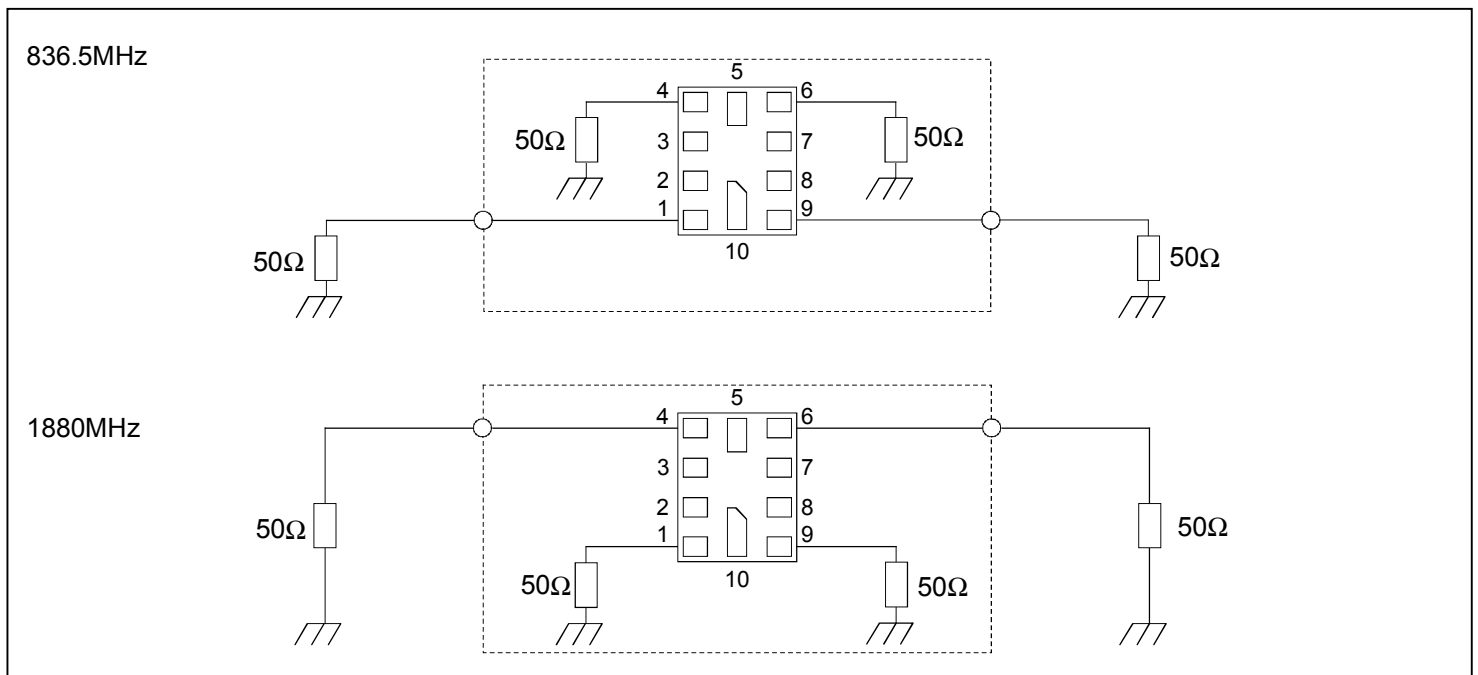
SAW FILTER FOR CDMA800/1900 (Tx)

Murata part number : SAWEP836MFH2F00R00

Recommended Land Pattern



Test Circuit



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