

SAW FILTERS FOR CDMA (Code Division Multiple Access)

This is IF band saw filter for CDMA (Code Division Multiple Access).

■ Features

- Surface mount type
- Low insertion loss.
- Case material is ceramic. It is applicable to IR reflow or VPS.
- Excellent design against shock and vibration.
- Emboss carrier taping applicable.

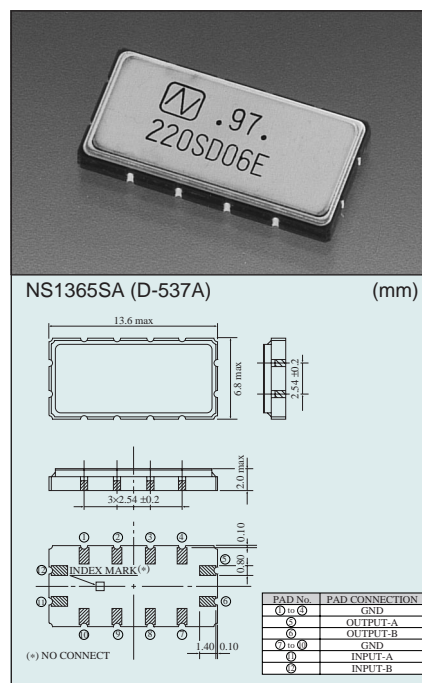
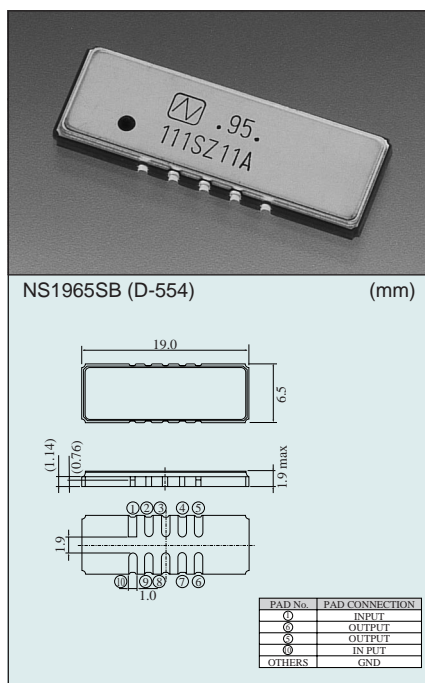
■ Specification

Characteristics Model	Nominal Frequency (MHz)	Pass Bandwidth		*1 Ripple (dB)	Insertion Loss (dB)	Guaranteed Attenuation Bandwidth		Terminating Impedance (Ω)	*1 Phase Linearity	Operating Temp. Range (°C)	Type
		(dB)	(kHz)			(dB min)	(MHz)				
85SZ10N	85.38	5	±630	0.8 (±300kHz)	13.0	33 45	±0.9 -9~85.08 +9~110	Input 1kΩ Output 500Ω	3°rms max (±630kHz)	-30~+80	NS1965SB (D-554)
111SZ11A	111.85	5	±630	0.8 (±300kHz)	13.0	33 45 45	±0.9 -(111.85-9) +(9~137)	*2	3°rms max (±630kHz)	-30~+80	NS1965SB (D-554)
220SD06E	220.38	5	±630	1.0 (±300kHz)	9.0	45 33	±1.25 ±(9~50)	*2	3°rms max (±630kHz)	-30~+80	NS1365SA (D-537A)

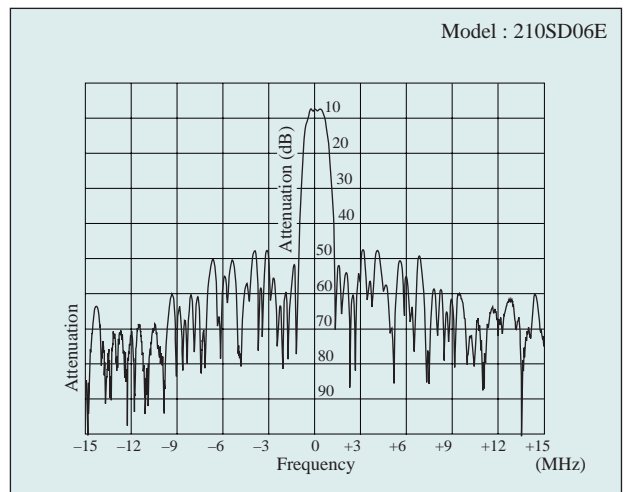
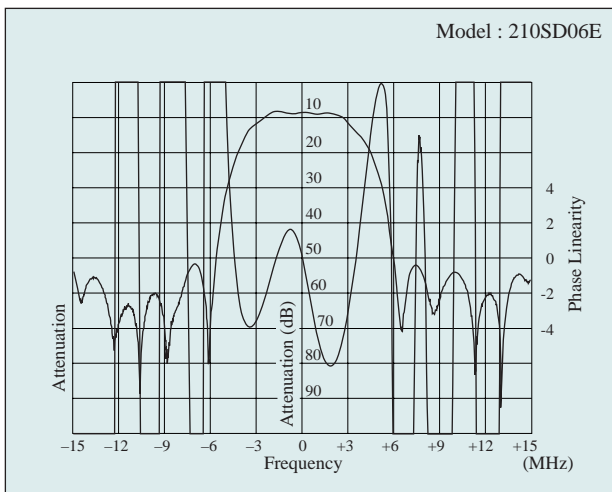
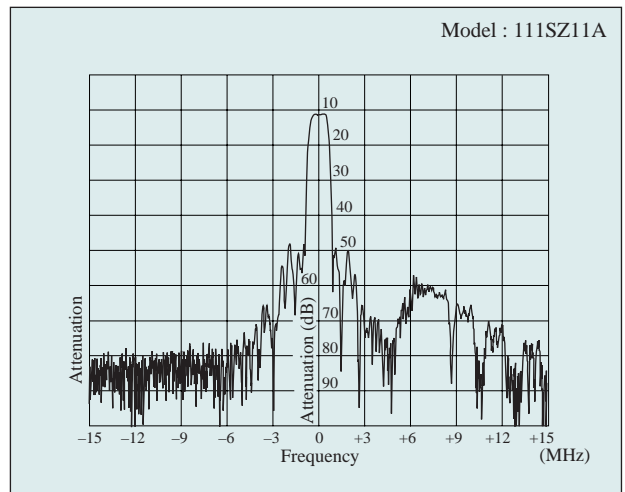
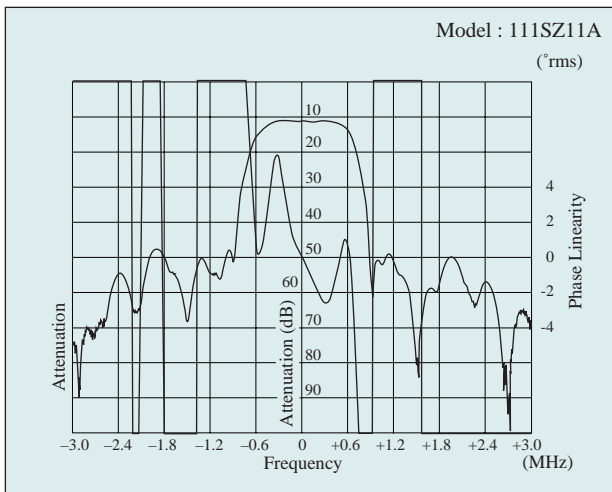
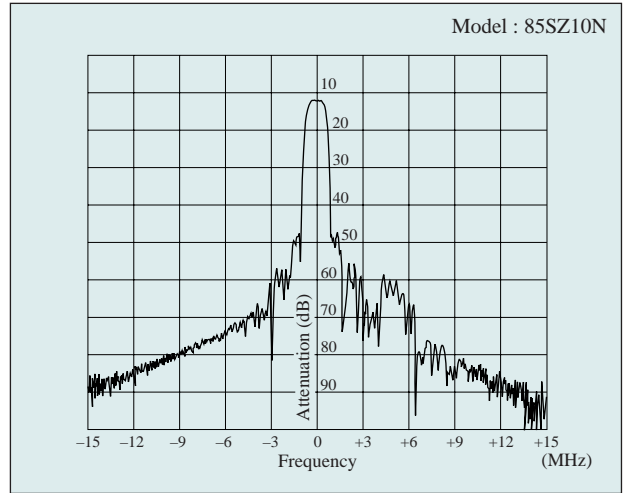
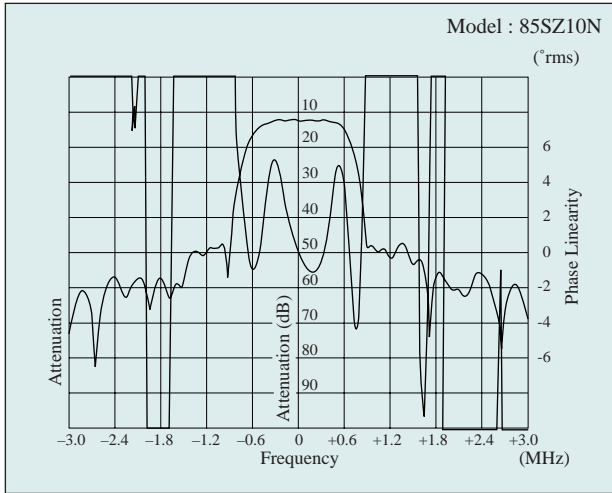
*1 Measurement utilizes time-domain gating.

*2 Please contact us.

* [Type name] In () which is, it is previous name.



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SAW DEVICES

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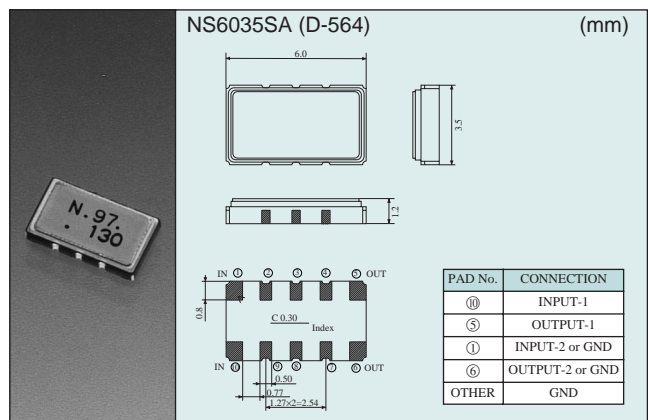
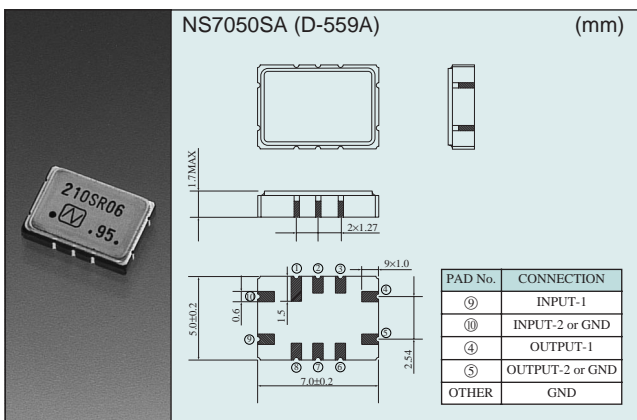
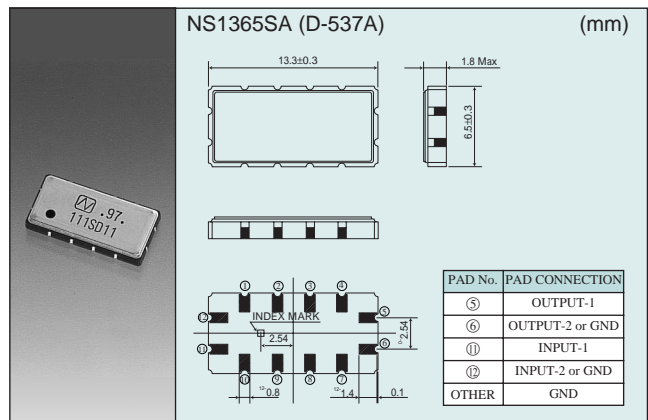
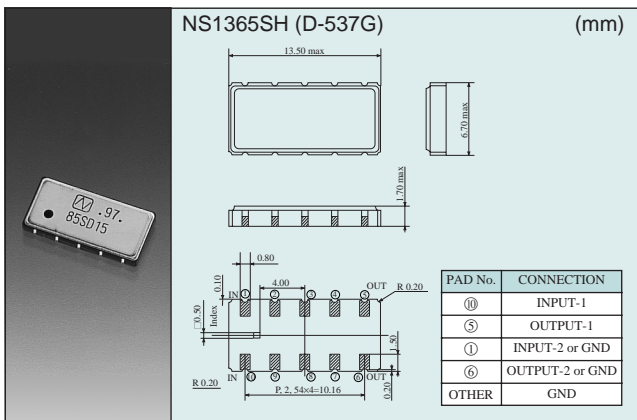
■ Specification

Characteristics Model	Nominal Frequency (MHz)	Pass Bandwidth		*1 Ripple (dB) (±300kHz)	Insertion Loss (dB)	Guaranteed Attenuation Bandwidth		Terminating Impedance (Ω) *2	*1 Phase Linearity	Operating Temp. Range (°C)	Type
		(dB)	(kHz)			(dB min)	(MHz)				
85SD15	85.38	5	±615	0.8 (±300kHz)	11.5	33 45	±0.9 ±9	Input 50 (S) Output 500 (B)	3.5°rms	-30 ~ +80	NS1365SH (D-537G)
111SD11	111.85	5	±610	0.7 (±300kHz)	11.5	33 45	±0.9 9	Input 50 (S) Output 50 (B)	—	-30 ~ +80	NS1365SA (D-537A)
210SR06	210.38	5	±630	1.5 (±300kHz)	10	40	±1.25	Input 50 (S) Output 500 (B)	3.0°rms	-30 ~ +80	NS7050SA (D-559A)
220SR06C	220.38	5	±630	1.5 (±300kHz)	10	40	±1.25	Input 50 (S) Output 500 (B)	3.0°rms	-30 ~ +80	NS7050SA (D-559A)
130SW09	130.38	2 3	±500 ±630	—	5.5	50	±4.95 ±(9.27-10.53)	Input 50 (S) Output 50 (B)	—	-30 ~ +75	NS6035SA (D-564)

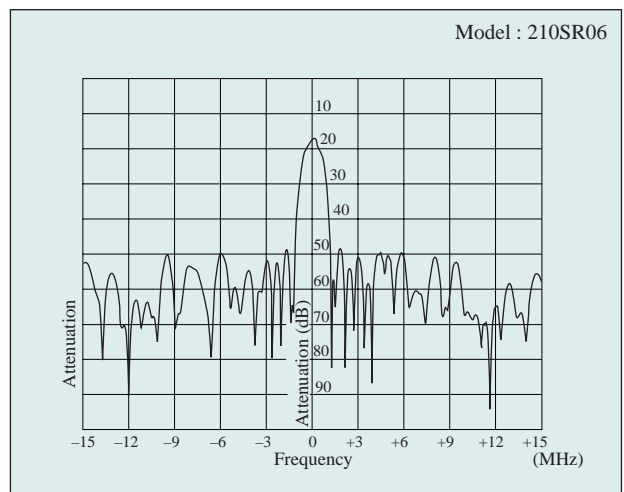
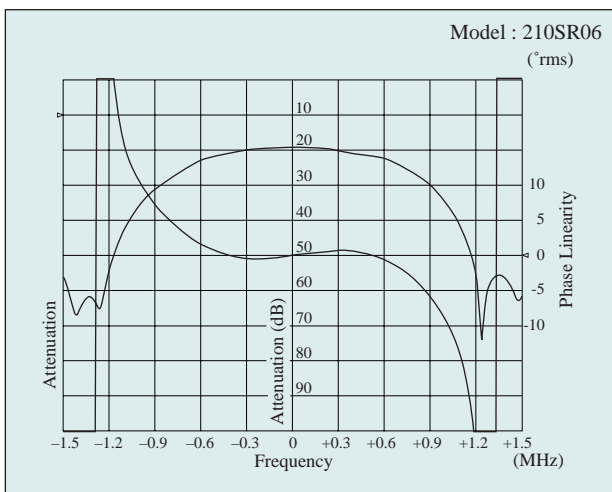
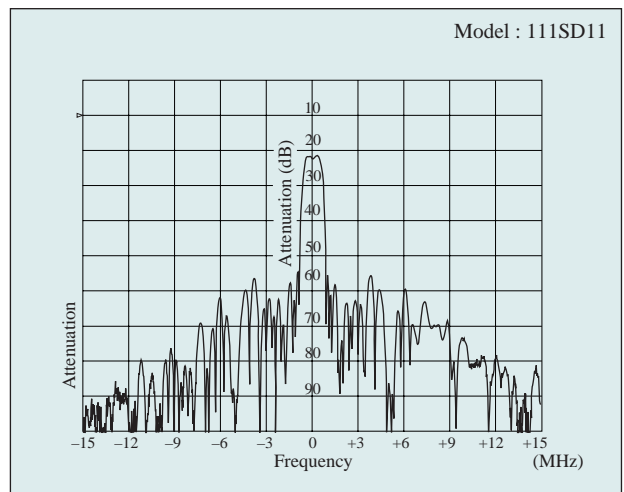
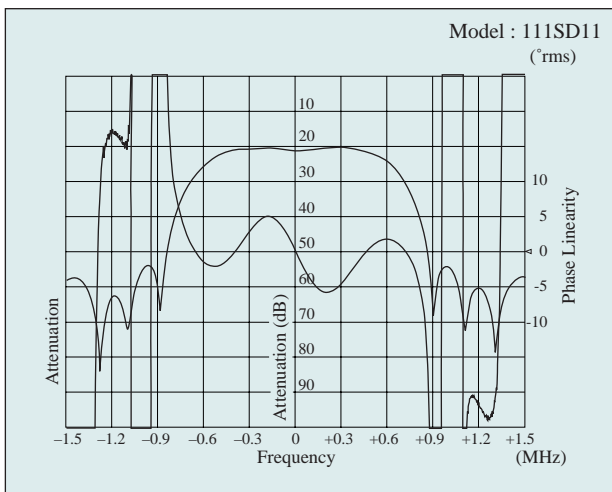
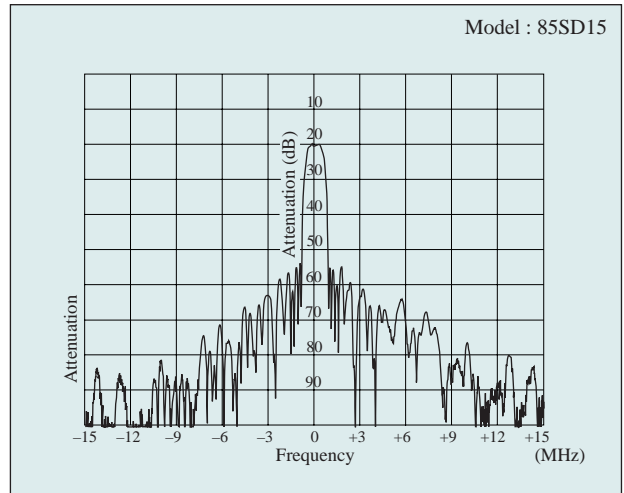
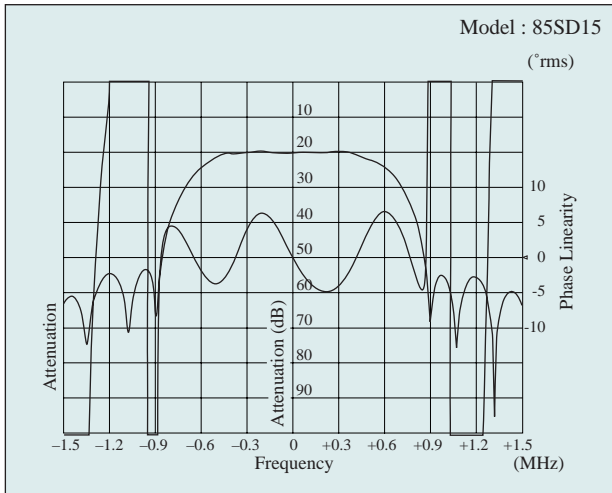
*1 Measurement utilizes time-domain gating.

*2 (S): Single, (B): Balance.

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