

## SAW FILTERS FOR CDMA (Code Division Multiple Access)

This is an 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

Item	Model	85SK15B
Nominal Frequency (MHz)		85.38
Pass Bandwidth (5dB)		±630kHz min
Ripple (±300kHz max)		0.8dB [*1]
Insertion Loss (Fixed loss)		11.5dB max
Guaranteed Attenuation Bandwidth	at -9.0MHz	47dB min
	at -1.7MHz	35dB min
	at -0.9MHz	33dB min
	at +0.9MHz	33dB min
	at +1.7MHz	35dB min
	at +9.0MHz	47dB min
Phase Linearity (±630kHz max)		4.5°rms max [*1]
Terminating Impedance	Input	50Ω Single
	Output	500Ω Balance
Operating Temp. Range		-30 ~ +80°C
Type *		NS9148SA (D-543A)

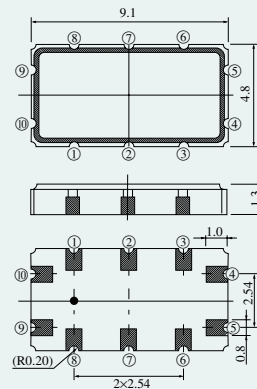
[\*1] Measurement utilizes time-domain gating.

\* [Type name] In ( ) is previous name.

### ■ Dimensions

NS9148SA (D-543A)

(mm)



PAD No.	CONNECTION
⑨	INPUT
④	OUTPUT
OTHERS	GND

