

## For Mobile Phone

### SAW FILTERS FOR CDMA

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.

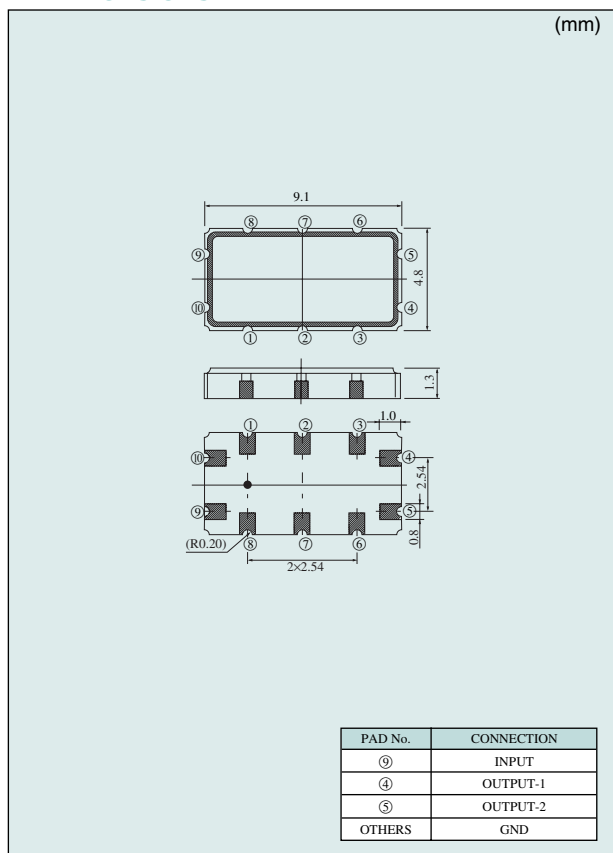


#### ■ Specification

Item	Model	WF709A
Nominal Frequency (MHz)		110
Pass Bandwidth (5dB)		±630kHz min
Ripple (±300kHz max)		1.0dB
Insertion Loss (Fixed loss)		12dB max
Phase Linearity (±630kHz max)		3°rms max [*1]
Guaranteed Attenuation Bandwidth	at -(1.7~0.9)MHz	33dB min
	at -0.9MHz	33dB min
	at +0.9MHz	33dB min
	at +(0.9~1.7)MHz	33dB min
Operating Temp. Range		-30 ~ +80°C
Terminating Impedance	Input	50Ω Single
	Output	50Ω Single

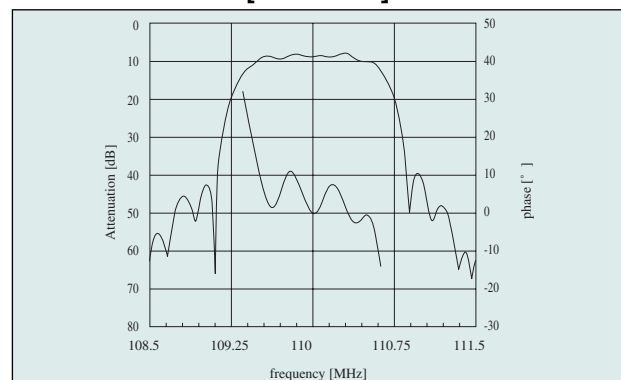
[\*1] Measurement utilizes time-domain gating.

#### ■ Dimensions



#### ■ Filter characteristics (example)

##### [Passband]



##### [Outband]

