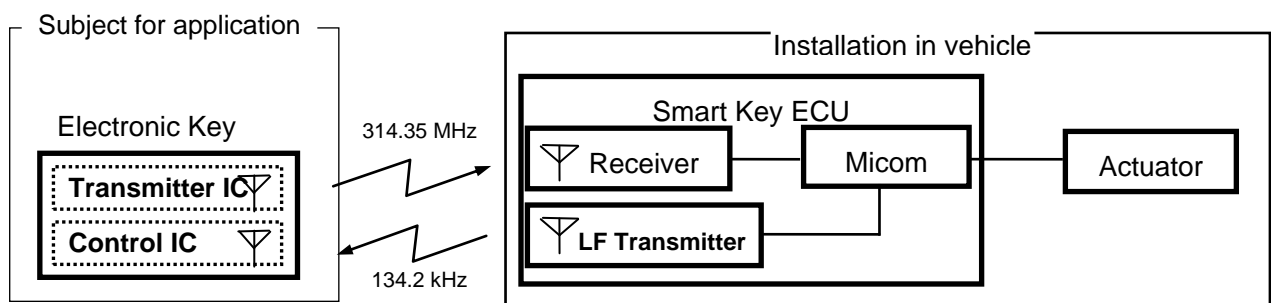
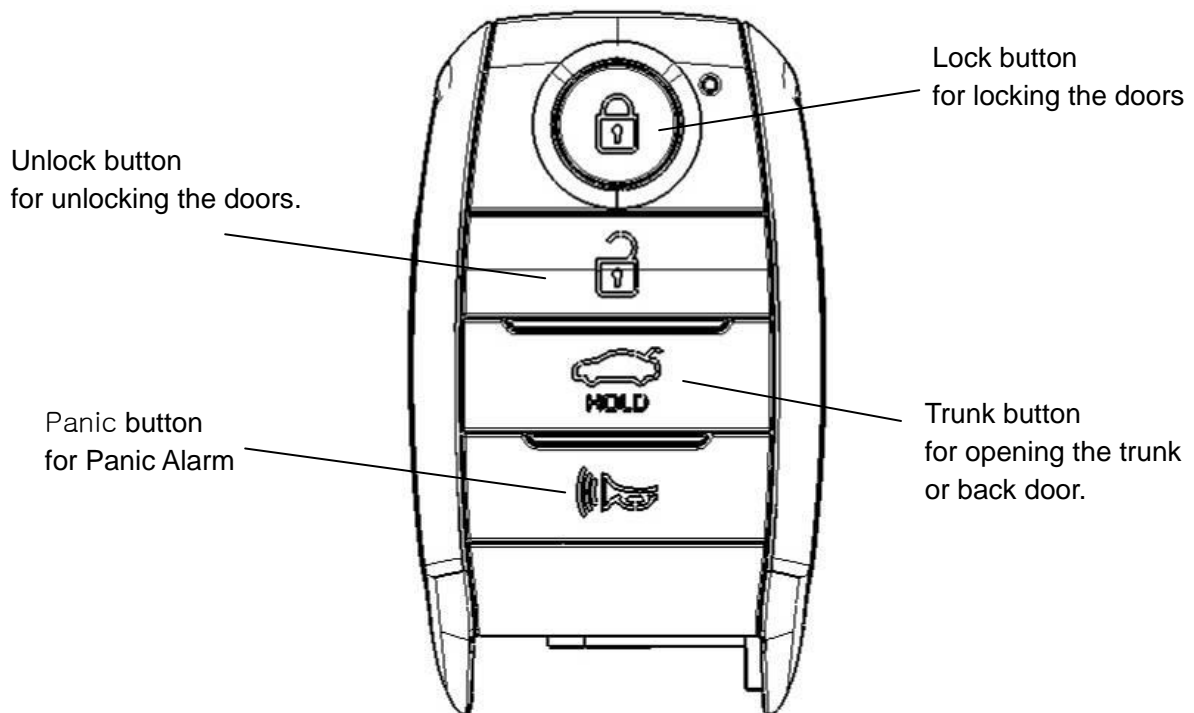


### 3. Outline of Smart Key FOB

Electronic Key is mainly used for locking or unlocking the doors of the vehicles. Electronic Key detects signals when it reaches the vicinity of vehicle, and sends signals using radio frequency. Also, Electronic Key sends a radio wave signal while a button is pushed. When the button is released, the radio wave signal is automatically off within 0.392 seconds. When the button is depressed continuously, Electronic Key sends a signal for a predetermined constant time.



This product sends a signal when the following buttons are pushed.



# **Electronic Key**

## **Product Outline**

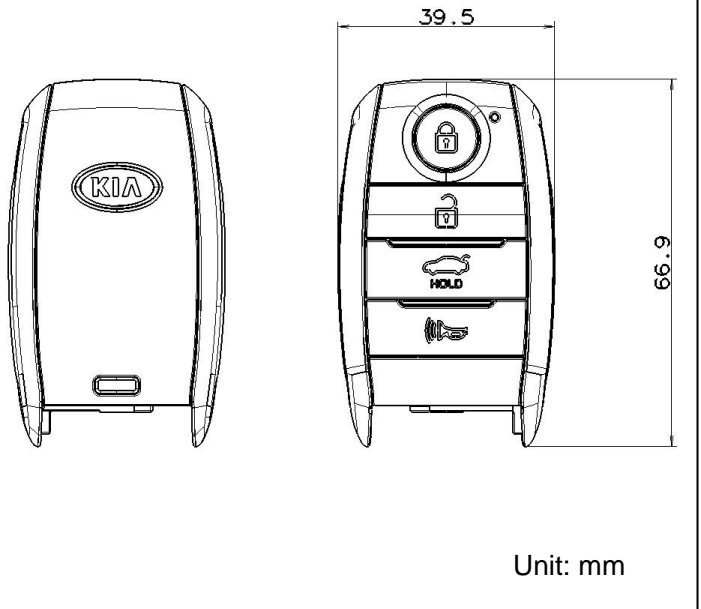
Electronic Key is mainly used for locking or unlocking the doors of the vehicle. Electronic Key detects signals when it reaches the vicinity of vehicle, and sends signals using radio frequency.

Also, Electronic Key sends a radio wave signal while a button is pushed. When the button is released, the radio wave signal is automatically off within 0.392 seconds. When the button is depressed continuously, Electronic Key sends a signal for a predetermined constant time.

The receiver becomes active in response to signals from the transmitter.

## **Appearance**

4-Button type



## **Product Description**

Product Type		FN00040
RF characteristic	Nominal frequency	314.35MHz
	Oscillator frequency	18.370MH z X-tal, PLL synthesizer
Antenna		Built-in type (Fixed)
Button	4-Button type	Lock
		Unlock
		Trunk
		Panic
Power Supply	Nominal supply voltage	3V DC
	Type of Battery	One lithium battery

## Explanation document of mechanical key for Electronic Key FN00040

- Key groove varies according to each key.
- The key used for testing has no groove on its surface, which we consider is a worst case.



Mechanical key



Mechanical keydetached



Mechanical key attached

Presence or absence of mechanical key does not affect on the RF characteristics.

**FCC ID: CQOFN00040****FCC Part 15.19**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**FCC Part 15.21**

Any changes or modifications (including the antennas) made to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment.

**IC: 1151E-FN00040**

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.