

. Manual Requirement of FCC / IC

Our product (ED00250) is one of vehicle parts incorporated into the vehicle as original equipment. Therefore, we will not supply the user's manual. However, we will ask the vehicle manufacturer to include following statements in the vehicle user's manual in accordance with FCC and IC requirements.

1. Requirement for User Manual

1.1. FCC Requirement

1.1.1. In accordance with 15.21 of FCC rule, following statement will be included in the user's manual.

FCC WARNING

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

1.1.2. In accordance with requirement of FCC§15.19(a)(5), following statement will be included in the user's manual.

NOTE

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.

1.2. IC Requirement

1.2.1. In accordance with requirement of RSS-GEN, following statement will be included in the user's manual.

NOTE

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.

L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas provoquer de brouillage, et (2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Smart Key ECU

Product Outline

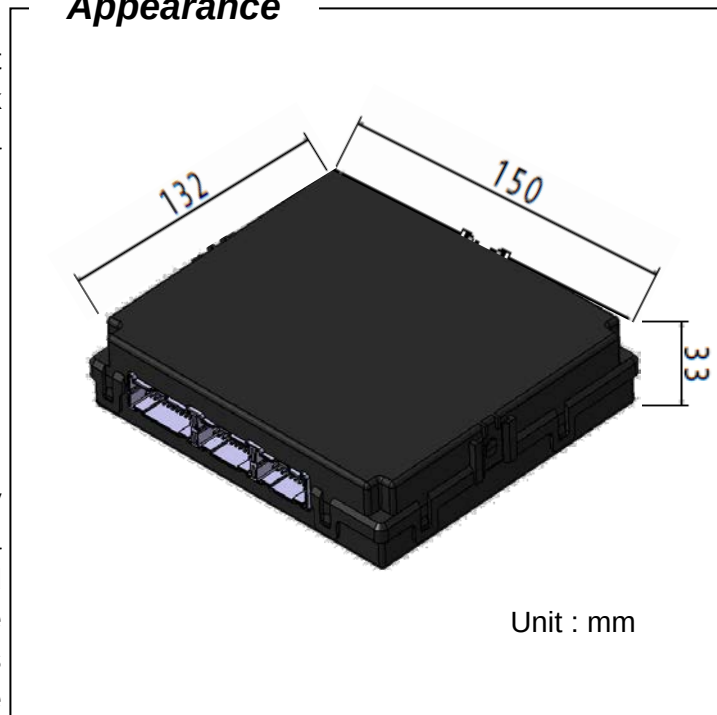
The Smart Key system is a comfort feature that allows the user to lock, unlock the doors of the vehicle without using a mechanical key.

The user has to carry with him the Smart Key Fob as a wireless authentication is performed when toggle button or Start Stop Button inputs are triggered.

For communication with the SMART Key FOB, Smart Key ECU generates a request (challenge) as an encoded and modulated signal (134.2 kHz..) at the inductive antenna outputs and receives the SMART Key FOB's response via the external RF ANT and internal receiver

This product is installed inside the vehicle.

Appearance



Product Description

Product Type Number		ED00250
RF characteristic	Nominal frequency	433.92MHz
	Local oscillator frequency	21.948717MHz (Crystal)
	RF Antenna	Internal antenna
LF characteristic	Nominal frequency	134.2kHz
	Local oscillator frequency	4.026MHz (Crystal)
	LF Antenna	External antenna (Ferrite antenna coil)
Transponder characteristic	Nominal frequency	134.2kHz
	Local oscillator frequency	4.00MHz (Ceramic Resonator)
	Transponder Antenna	External antenna (antenna coil)
Power Supply	Nominal supply voltage	12V DC