

Smart Key ECU – EG00040

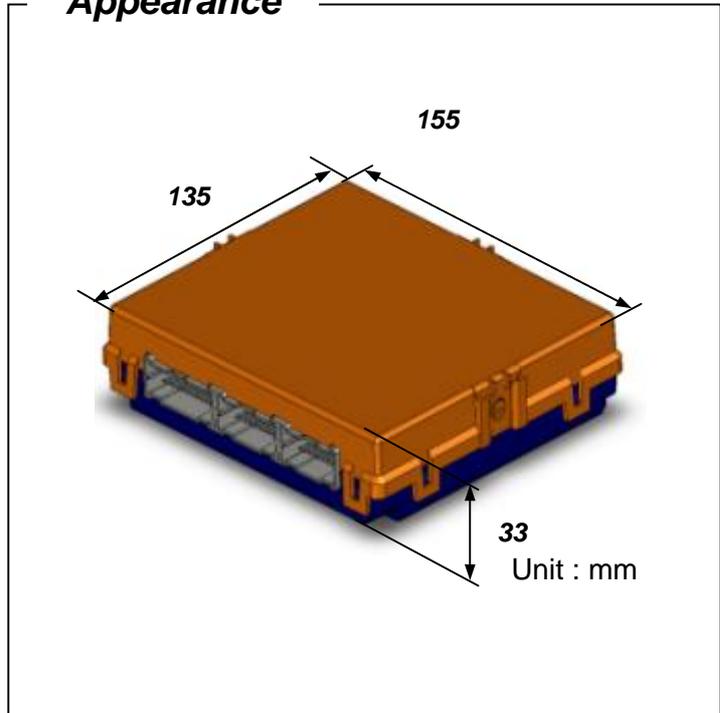
Product Outline

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

Appearance



Product Description

RF characteristic	Nominal frequency	433.92MHz
	Local oscillator frequency	37.95625MHz (Crystal)
	RF Antenna	External antenna
LF characteristic	Nominal frequency	134.2kHz
	Local oscillator frequency	4.2944MHz (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

FCC ID: CQOEN00040

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-EN00040

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.