

User Manual

(JLR VCM, TFJLEENN5E3)

Product Introduction

TFJLEENN5E3 is a telematics device that LGE is developing for the vehicles. It's a small box installed deep inside passenger cars, and the TFJLEENN5E3 is designed for the automotive industry.

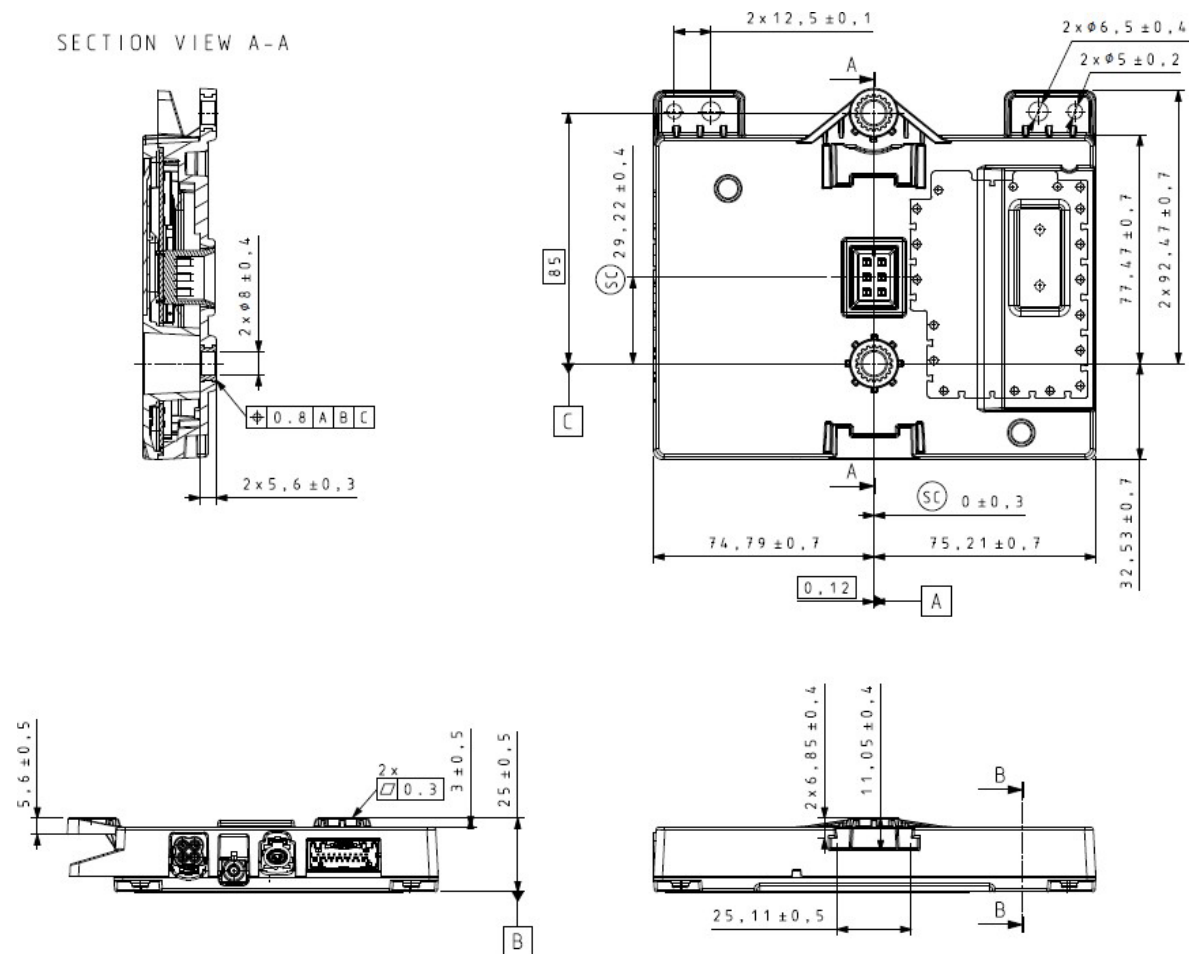
It provides data call functions and various online services requested by OEM.

Here is a general information on telematics device.

Table 1. Specification

Modem Chip	Qualcomm SA515M
Ethernet	1Gbit
GNSS	UBLOX : L1/L5
WIFI	2.4G/5G
Operating Voltage	DC 12V(Min : 6.5V, Max : 16V), 2A
Operating Temperature	-40℃ to 86℃

1.1 VCM Mechanical Size



2. Notice

- Statement

FCC Part 15.21 statement

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

FCC Part 15.19 statement

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 15.105(b) Information to the user.

The OEM integrator is responsible for ensuring that the host product which is installed and operating with the module is in compliant with Part 15B unintentional Radiator requirements, please note that For a Class B digital device or peripheral, the instructions furnished the user manual of the end-user product shall include the following or similar statement, placed in a prominent location in the text of the host product manual:

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

RSS-GEN 6.8 Transmit Antenna

This radio transmitter [2703H-TFJLEENN5E3] has been approved by Innovation, Science and Economic Development Canada to operate with the antenna types listed below, with the maximum permissible gain indicated. Antenna types not included in this list that have a gain greater than the maximum gain indicated for any type listed are strictly prohibited for use with this device.

- Antenna type(External Antenna): roof pod antenna
Maximum permissible Gain of 2.4GHz/5GHz WiFi: 5.73 dBi / 6.38 dBi

Le présent émetteur radio [2703H-TFJLEENN5E3] a été approuvé par Innovation, Sciences et Développement économique Canada pour fonctionner avec les types d'antenne énumérés ci- dessous et ayant un gain admissible maximal. Les types d'antenne non inclus dans cette liste, et dont le gain est supérieur au gain maximal indiqué pour tout type figurant sur la liste, sont strictement interdits pour l'exploitation de l'émetteur.

- Type d'antenne (antenne externe) : antenne de la nacelle de toit
Gain maximal autorisé du Wi-Fi 2,4GHz/5GHz: 5.73 dBi / 6.38dBi

RSS-GEN 8.4 User manual notice

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s).

Operation is subject to the following two conditions:

(1) This device may not cause interference.

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique 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; (2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

RF Exposure

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment. This device should be installed and operated with minimum distance 35mm between the radiating element of this device and the user.

Cet équipement est conforme aux limites d'exposition aux radiations IC CNR-102 établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimale de 35 mm entre le radiateur et votre corps.
