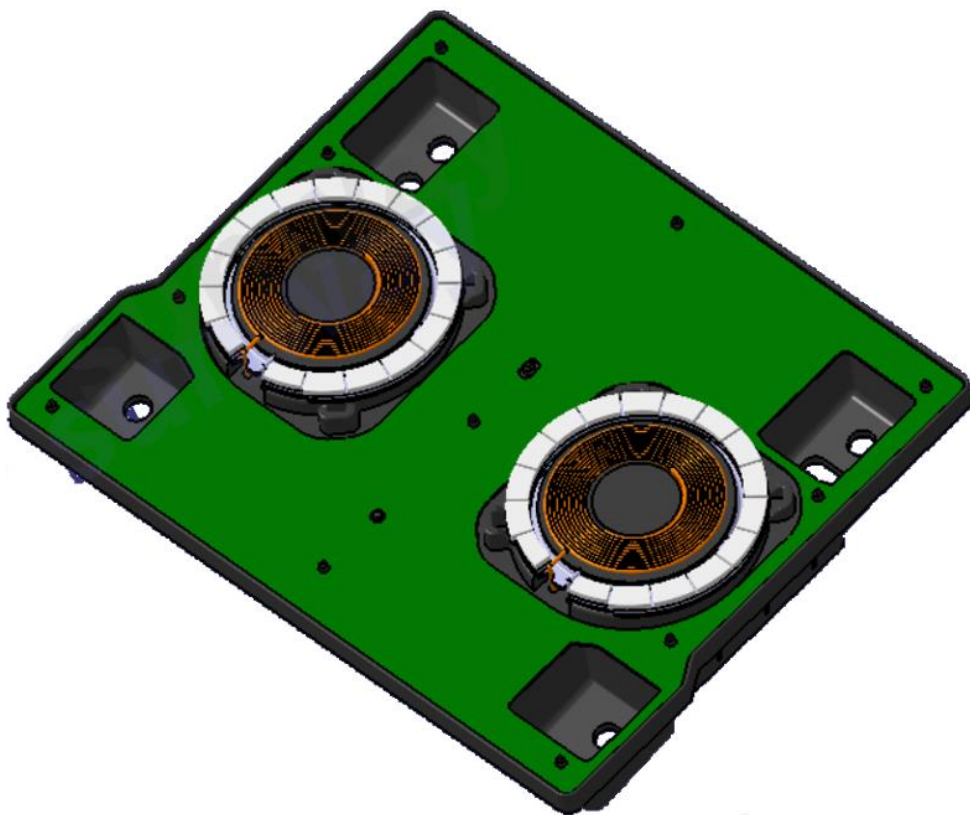

Product User Manual of Wireless Charger



1. Product Description

This automotive wireless charging module is specifically designed for in-vehicle mobile phone charging, featuring advanced technology to deliver reliable and efficient performance in automotive environments.

Key Features:

- ◆ **Qi2.1 Compliance:** Fully adheres to the Qi2.1 standard, ensuring compatibility with all Qi2.1-enabled devices and meeting stringent safety and interoperability requirements.
- ◆ **Dual-Device Charging:** Supports simultaneous charging of two devices with a maximum power output of 15W per device, optimizing charging efficiency for multi-user scenarios.
- ◆ **High-Reliability IC Design:** Integrates an international-grade solution from NXP, leveraging robust chipset technology to ensure stable power delivery and long-term operational reliability under automotive-grade conditions.
- ◆ **NFC Card Detection:** Equipped with NFC card sensing capability, enabling seamless integration with vehicle access or payment systems (if applicable) for enhanced user convenience.

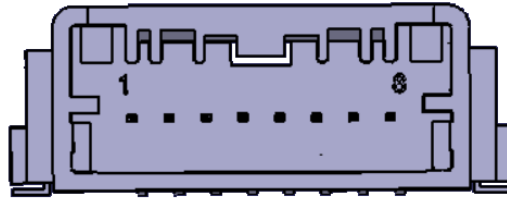
Automotive-Grade Adaptability:

Engineered to withstand the unique demands of in-vehicle environments, including temperature fluctuations, vibration, and electromagnetic interference, ensuring consistent performance during daily use.

2. Product Information

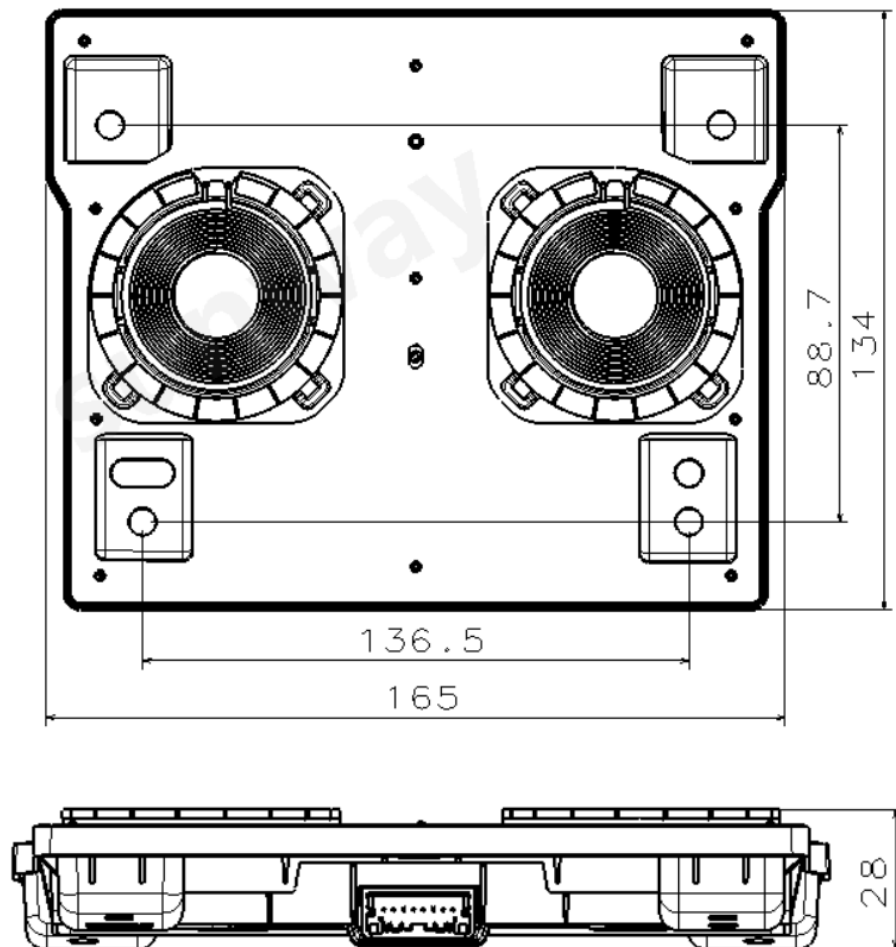
Product Information	Description		
Product Name	Qi2.1 MPP Wireless Charger		
Operating Voltage	9~16VDC		
Rated Current	4A		
Charging Power	15W*2		
Number of Coils	2 Coils		
Charging Efficiency	≥80%		
Standby Current	≤80mA		
Leakage Current	≤0.1mA		
Product Dimensions	Length=165mm	Width=134mm	Height =28mm
Product Weight	250g		
Number of Module Pins	8		

3. Pin Description



PIN No.	Symbol	Description
1	BAT+	Power
2	CAN L	CAN Signal
3	CAN H	CAN Signal
4	BAT-	Ground
5		
6		

4. Product overall dimension



5. Product Usage Precautions

1. Before charging your phone, ensure that the phone case thickness is less than 2mm and there are no metal objects;
2. The phone charger should be placed in the specified charging area;
3. Before use, confirm that there are no metal objects on the surface of the wireless charger;
4. Do not remove the rubber pad, and ensure that the rubber pad is properly installed before charging;
5. During the phone charging process, do not place any metal objects between the phone and the wireless charger;
6. It is recommended that when the vehicle is not started and using the wireless charger, pay attention to the overall vehicle battery power;
7. Do not place containers with liquids on the wireless charging surface to prevent liquid from flowing into the charger;
8. Do not charge non - Qi standard receivers to prevent damage to the charger or receiver.
9. Do not place NFC Fobs on the Charging mat while charging

FCC Warning

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.

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

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.

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

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.

Français:

Cet appareil contient des émetteurs/récepteurs exempts de licence qui sont conformes aux RSS exempts de licence d'Innovation, Sciences et Développement économique Canada. Son fonctionnement est soumis aux deux conditions suivantes :

- (1) Le présent appareil ne doit pas produire de brouillage.
- (2) Le présent appareil doit accepter tout brouillage radio électrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

Déclaration d'exposition aux radiations

L'appareil est conforme aux limites d'exposition aux rayonnements spécifiées par la FCC pour les environnements non contrôlés. Lors de l'installation et du fonctionnement de cet appareil, la distance minimale entre le radiateur et le corps doit être de 20 cm.