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## **Thank you for purchasing HUAWEI ME206V-561 LTE Module (hereinafter referred to as the ME206V-561)**

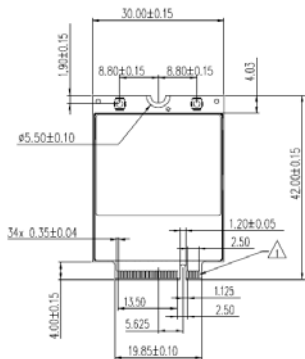
### **Note:**

- This manual briefly describes the preparation, Assembly and safety precautions.
- You are recommended to read the manual before using the ME206V-561

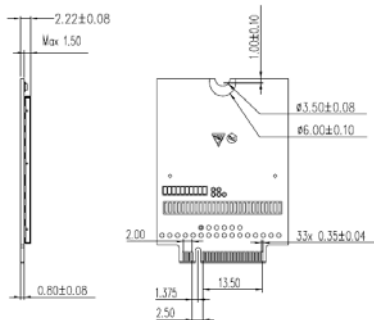
## **Getting to Know the ME206V-561**

The module is standard M.2 interface with a dimension of 30 mm × 42 mm × 2.3 mm. It is applied to the user interface board, and can be used as a wireless terminal in a network environment.

TOP VIEW



BOTTOM VIEW





## 1. AUX/GPS Antenna interface

It is used to connect an antenna which for diversity and GPS

## 2. MAIN Antenna interface

It is used to connect an antenna which for main TX and RX

## 3. Fixing hole

A screw, metal fastener, and nut are used to fix an ME206V-561 module on a development board through this fixing hole.

## 4. Gold Finger

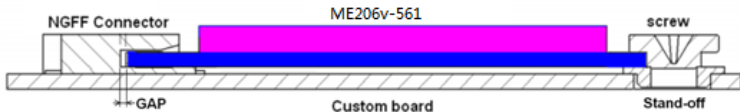
It is connected to the M.2 connector on the development board.

### Note:

- In certain cases, your development board may be disassembled only by the professionals.

- Before you install the ME206V-561 onto the development board, consult the development board manufacturer or read the user manual of the development board.

## Assembly



It refers to M.2 specification.

The module will need a mechanical retention at the end of the board. The module specifies a 5.5 mm Dia. keep out zone at the end for attaching a screw.

The module Stand-off and mounting screw also serve as part of the module Electrical Ground path. The Stand-off should be connected directly to the ground plane on the platform. So that when the module is mounted and the mounting screw is screwed on to hold the module in place, this will make the electrical ground connection from the module to the platform ground plane.

The stand-off must provide a Thermal Ground Path. The design requirements for thermal are a material with a minimum conductivity of 50 watts per meter Kelvin and surface area of 22 Sq mm.