

Copyright © Huawei Technologies Co., Ltd. 2012.

All rights reserved.

No part of this document may be reproduced or transmitted in any form or by any means without prior written consent of Huawei Technologies Co., Ltd.

The product described in this manual may include copyrighted software of Huawei Technologies Co., Ltd and possible licensors. Customers shall not in any manner reproduce, distribute, modify, decompile, disassemble, decrypt, extract, reverse engineer, lease, assign, or sublicense the said software, unless such restrictions are prohibited by applicable laws or such actions are approved by respective copyright holders under licenses.

Trademarks and Permissions



HUAWEI, HUAWEI, and



are trademarks or registered trademarks of Huawei Technologies Co., Ltd.

Other trademarks, product, service and company names mentioned are the property of their respective owners.

Notice

Some features of the product and its accessories described herein rely on the software installed, capacities and settings of local network, and may not be activated or may be limited by local network operators or network service providers, thus the descriptions herein may not exactly match the product or its accessories you purchase.

Huawei Technologies Co., Ltd reserves the right to change or modify any information or specifications contained in this manual without prior notice or obligation.

NO WARRANTY

THE CONTENTS OF THIS MANUAL ARE PROVIDED "AS IS". EXCEPT AS REQUIRED BY APPLICABLE LAWS, NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE MADE IN RELATION TO THE ACCURACY, RELIABILITY OR CONTENTS OF THIS

MANUAL.

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, IN NO CASE SHALL HUAWEI TECHNOLOGIES CO., LTD BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES, OR LOST PROFITS, BUSINESS, REVENUE, DATA, GOODWILL OR ANTICIPATED SAVINGS.

Import and Export Regulations

Customers shall comply with all applicable export or import laws and regulations and will obtain all necessary governmental permits and licenses in order to export, re-export or import the product mentioned in this manual including the software and technical data therein.

Contents

Getting to Know the ME206V-561	1
Assembly	4

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

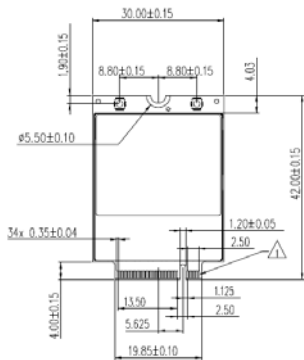
Note:

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

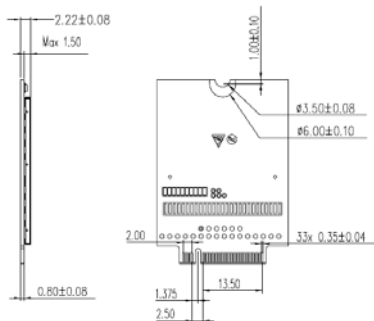
Getting to Know the ME206V-561

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

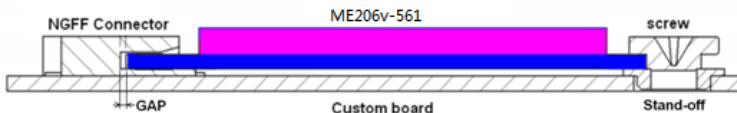
It is connected to the M.2 connector on the development board.

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.