

User Manual for FCC

This device is the bluetooth low energy module.

Model Name: 2TY

FCC ID: VPYLBCA2HN2AY

Since this module is not sold to general end users directly, there is no user manual of module.

For the details about this module, please refer to the specification sheet of module.

This module should be installed in the host device according to the interface specification (installation procedure)

The OEM integrator has to be aware not to provide information to the end user regarding how to install or remove this RF module in the end user's manual of the end product which integrates this module.

The end user manual shall include all required regulatory information/warning as shown in User manual.

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

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

This device complies with below part 15 of the FCC Rules.
Part 15 Subpart C

Since there is no space which indicates FCC ID on this module, FCC ID is indicated in a manual. If the FCC ID is not visible when the module is installed inside another device, then the module is installed must also display a label referring to the enclosed module.

The modular transmitter is only FCC authorized for the specific rule parts (i.e., FCC transmitter rules) listed on the grant, and the host product manufacturer is responsible for compliance to any other FCC rules that apply to the host not covered by the modular transmitter grant of certification.

The final host product still requires Part 15 Subpart B compliance testing with the modular transmitter installed.

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● Antenna list.

Part number	Vendor	Peak Gain(dBi)	Type	Connector
Internal Trace Antenna	Murata	+1.0	Monopole	-

● The following information must be indicated on the host device of this module.

Contains Transmitter Module FCC ID: VPYLBCA2HN2AY

or

Contains FCC ID: VPYLBCA2HN2AY

FCC Compliance Information

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.

*If it is difficult to describe this statement on the host device due to the size, please describe in the user's manual and also either describe on the device packaging or on a removable label attached to the device.

● The following statements must be described on the user manual of the host device of this module;

FCC CAUTION

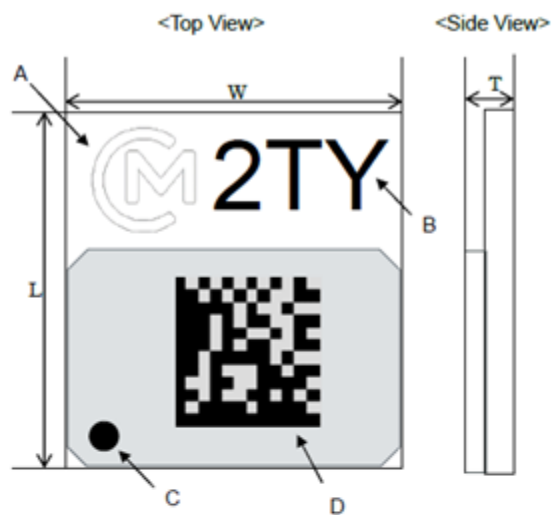
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines as this equipment has very low levels of RF energy. [※]

※But it is desirable that it should be installed and operated keeping the radiator at least 20cm or more away from person's body.

Dimensions, Marking



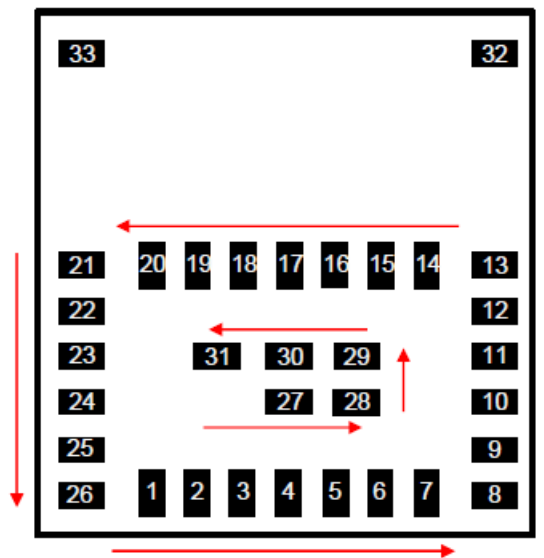
Marking	Meaning
A	Murata Logo
B	Module Type
C	Pin 1 Marking
D	2D Code

Mark	Dimensions	Mark	Dimensions	Mark	Dimensions
L	7.4 +/- 0.25	W	7.0 +/- 0.25	T	1.3 max

(unit : mm)

Terminal Configurations

<Top View>



No.	Terminal Name	No.	Terminal Name	No.	Terminal Name	No.	Terminal Name
1	NC	10	P0_9	19	GND	28	GND
2	VBAT	11	P0_8	20	GND	29	GND
3	GND	12	GND	21	P0_6	30	GND
4	P0_1	13	NC	22	P0_5	31	GND
5	P0_2	14	NC	23	P0_11	32	NC
6	P0_3	15	GND	24	P0_10	33	NC
7	P0_4	16	GND	25	P0_0	-	-
8	GND	17	GND	26	GND	-	-
9	P0_7	18	GND	27	GND	-	-