# USB Embedded Module Dimension Definition



2.9 mm

1.6 mm

2.2 mm

0.8 mm

1.6 mm

Φ 2.2

25.0 mm

Shielding cover

VT6656

1.0 pitch

1 2 3 4 5 6

LED (option)

Φ 2.2

Φ 4.5

ANT Connector

60.0 mm

Antenna option:
Internal or external

top side

Connector Option:
1. SMT connector (1.0 mm) or pin header (2.54 mm)
2. Connector place on the top or bottom side

SMT Connector 1.0mm pitch

Pin definition:
Pin1: VCC 5V/ or 3.3V
Pin2: DATA-
Pin3: DATA+
Pin4: GND
Pin5: LED (Low Active)/or 1.8V
Pin6: RF on/off (Level & low active)

Model No.:VNT6656G6A40
Model No.:VNT6656G6A10

VIA Technologies, Inc.