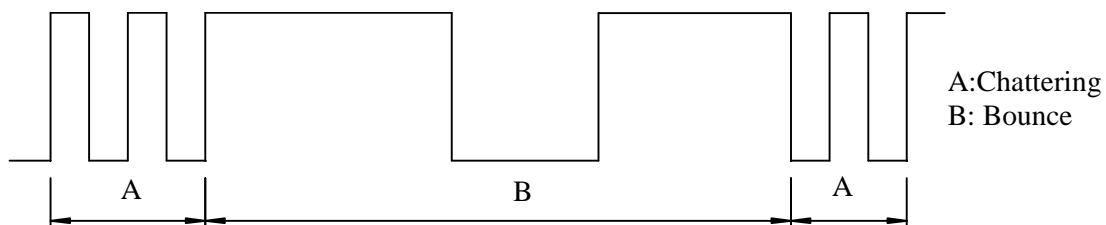


Operational Description

1. Electrical Specification

- Power supply voltage: DC 5.0 V
- Power supply current consumption: Max 500 mA
- Insulation resistance: More than 100 M ohm at 250 V DC
- Chattering and bounce: Operation force shall be applied according to the normal operating method at 5V DC, 5mA. There shall be no bounce and chattering within 10msec when it is measured using a specially prepared tester or a synchroscope.

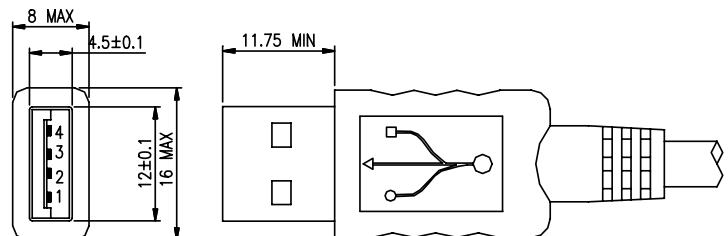
※ Chattering and bounce are defined in the following diagram:



- Cable length: 1.6 m (Straight)
- Contact terminating assignment.

Contact Number Signal Name

1	VBUS
2	D-
3	D+
4	GND
Shell	Shield



- USB Soft Ware I/F

Compliant with USB Serial Bus Specification 2.0

High speed USB standard for USB HUB

Low speed USB standard for keyboard interface (Revision 1.1 September 23, 1998)

Operational Description

- USB HUB

Bus powered USB 2.0 high speed USB HUB functionality

One internal USB port is used for keyboard

One USB 2.0 high speed downstream port is available for external low power USB devices

The external USB devices that attached on the downstream ports must be low power USB devices which maximum 100mA of power current

2. Keyboard Layout

