

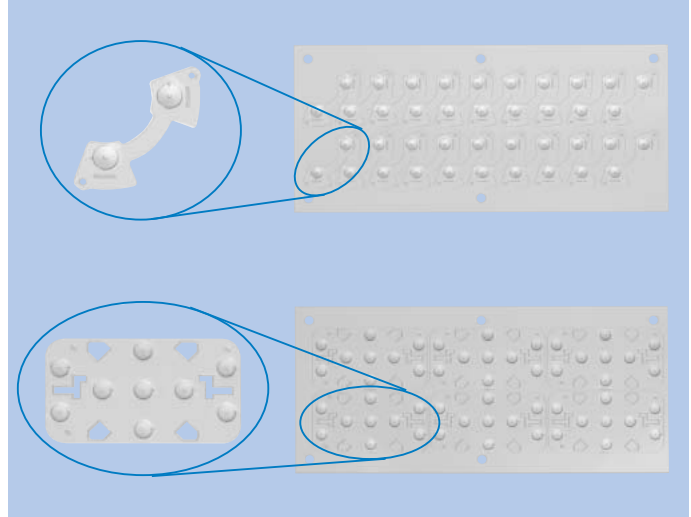
# Switch Sheet SBH Series

Custom

Switches

## FEATURES

1. Achieved a nice feeling and stable electrical specification.
2. Achieve low profile equipment by using SBH series.
3. Provide product lineup that has a variety of switch sheet types to help make the set thinner. These type of switches have the metal dome mounted on the cover tape.

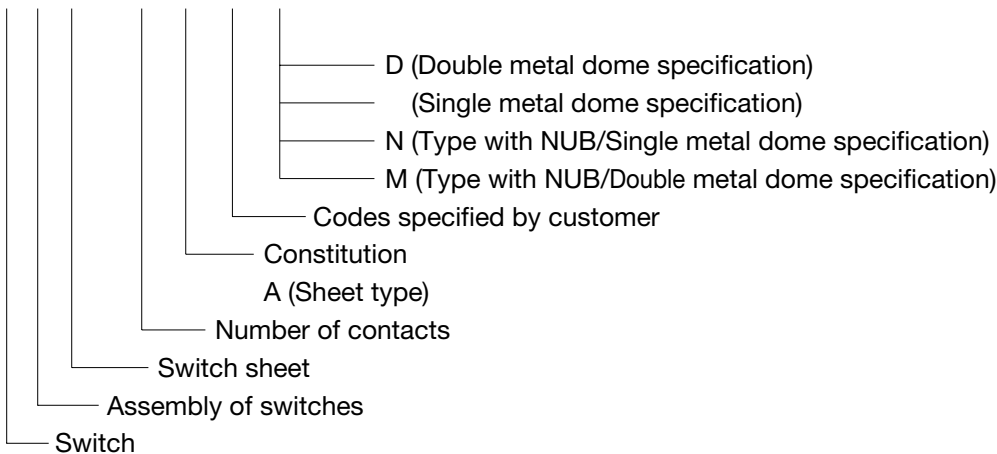


## APPLICATIONS

1. For small, portable AV equipment operating switches.
2. For mobile phones, smartphones, PDAs, input key switches.

## MODEL NAME CODE

**S B H - 0 1 A \*\* N**

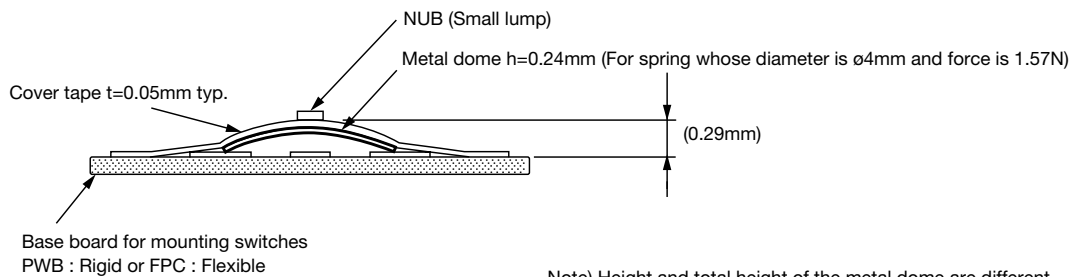


## SPECIFICATIONS

|                            |                       |                                                  |
|----------------------------|-----------------------|--------------------------------------------------|
| Electrical Characteristics | Rating                | 0.1A, 12V DC                                     |
|                            | Contact Resistance    | 1Ω or less                                       |
|                            | Insulation Resistance | 100MΩ or more                                    |
|                            | Withstand Voltage     | 1 minute at 100V AC                              |
| Mechanical Characteristics | Operating Force       | 0.49N ~ 2.45N<br>(ø3 ø4, ø5 Standard Metal dome) |
| Life                       |                       | 1,000,000cycles                                  |

## CONSTRUCTION

(Example of board mounting)



Note) Height and total height of the metal dome are different from one spring type to another.

- ☆ Specification of outline size, appearance, key layout is available upon your request.
- ☆ The switch sheet consists of a metal dome that is fixed on the board by cover tape.
- ☆ Operating feeling is sharp click feel like a tactile switch.
- ☆ The center of the switch can be properly pushed by attaching NUB (small lump) on the top of cover tapes with the best clicking touch, and thus it makes it easier to design construction of around switch unit.
- ☆ Diameters of standard metal dome are ø3mm, ø4mm, and ø5mm and the minimum gap between keys is 0.8mm.
- ☆ Dimension between the board edge and metal dome is more than 2mm.
- ☆ Waterproof design is possible.