

# MODEL B713



## DESCRIPTION

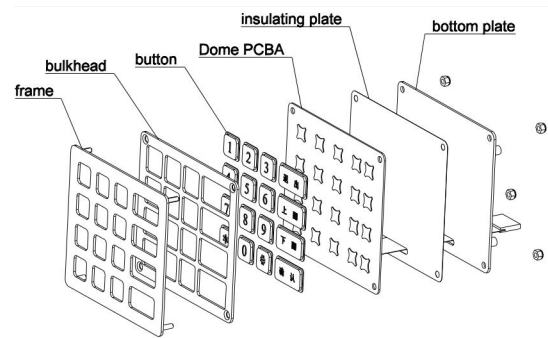
The 12 or 16 key S.series keypads are specially designed for public environment applications, such as vending machines, ticket machines, payment terminals, telephones, access control systems and industrial machinery.

Keys and front panel are built from SUS304# stainless steel with high resistance to impact and vandalism and is also sealed to IP67.

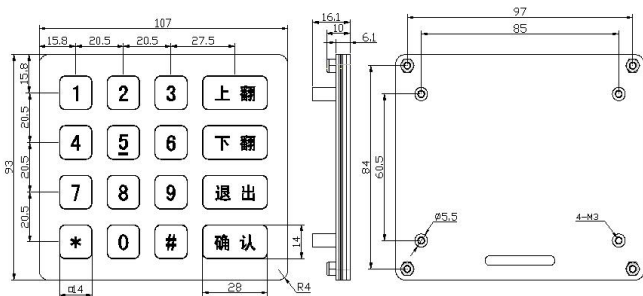
## 1 MAIN COMPONENTS

- Frame and keys are made of SUS304# stainless steel material
- Conductive metal domes
  - Working life: 1 million cycles of operation per key
  - Elastic force: 250g
- 1.5mm thickness UL approved printed circuit board with golden fingers

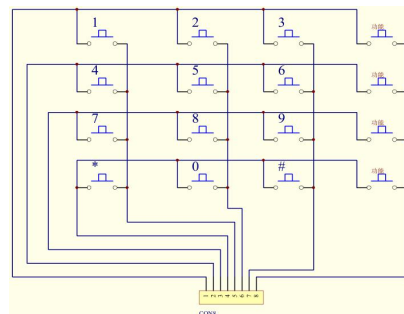
## 2 STRUCTURE DRAWING



## 3 DIMENSION DRAWING



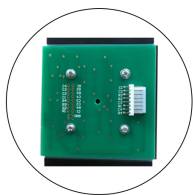
## 4 COMMON CIRCUIT



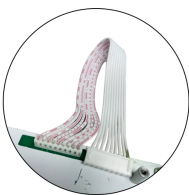
## 5 SPECIFICATION

|                            |                          |                                       |
|----------------------------|--------------------------|---------------------------------------|
| Electrical Specification   | Power Supply             | Nominal 3 VDC                         |
|                            |                          | Max. voltage 12VDC                    |
|                            |                          | Min. voltage 3VDC                     |
| Mechanical Characteristics | Storage Temperature      | -40 °C ... +85 °C                     |
|                            | Operation Temperature    | -25 °C ... +65 °C                     |
|                            | Protection Grade         | IP67                                  |
|                            | Shock Resistance         | IK09                                  |
|                            | Electrical Life          | 1 million cycles of operation per key |
|                            | Key Travel               | 0.45mm                                |
|                            | Actuation Force          | 250g/2.45N                            |
|                            | Environmental Resistance | Damp heat 21 days +40 °C              |
| Saline mist 96 Hours       |                          |                                       |
| Dry heat 10 days +85 °C    |                          |                                       |

## 6 CONNECTOR



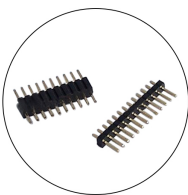
Plug Connector



SCN plug+cable



XH plug+cable



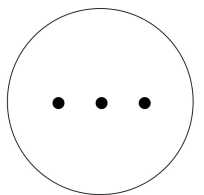
Pins header



DB9 Connector



USB



More

## 7 APPLICATION

