
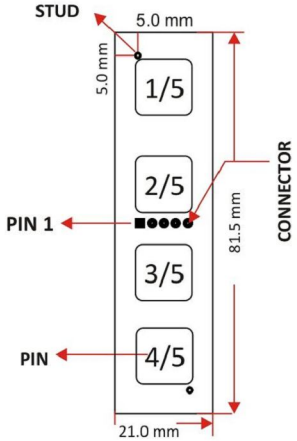
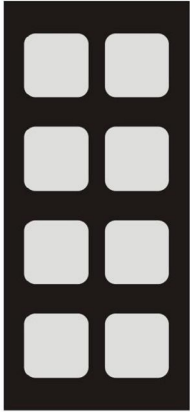
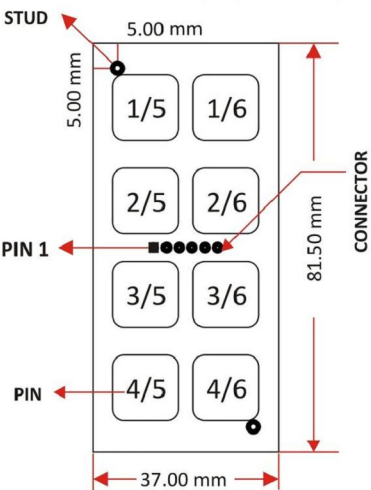
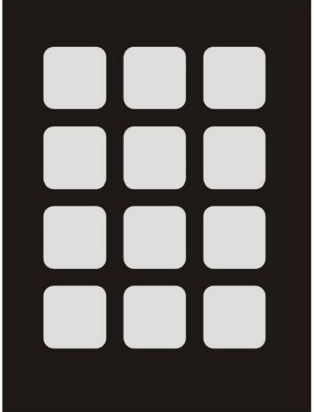
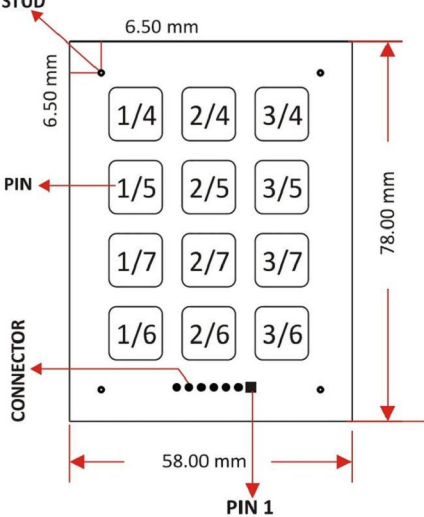
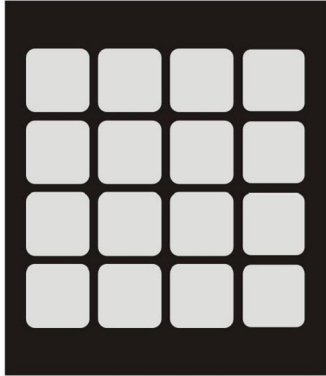
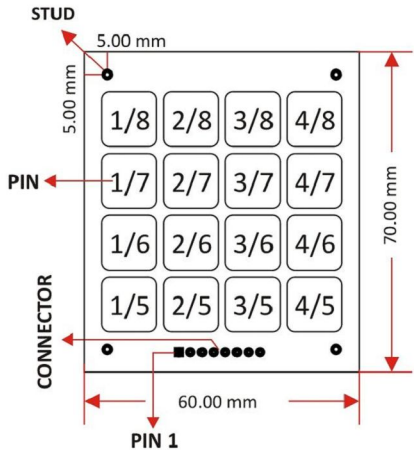
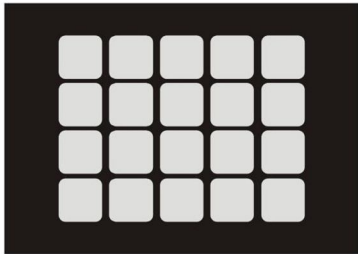
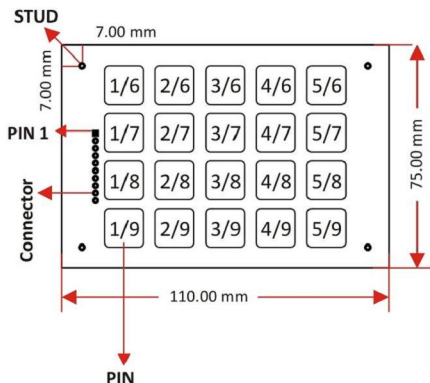
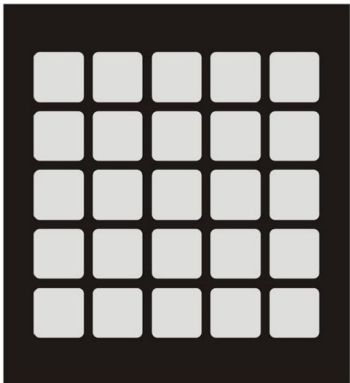
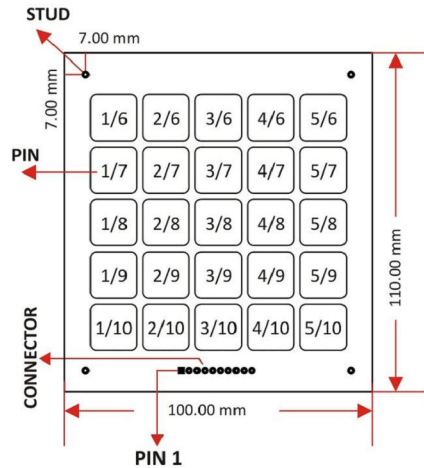


Keyboard	Mechanical & Circuit Drawing	Specifications
<p><b>KT 41</b></p> 	<p><b>FRONT VIEW (Keys Matrix)</b></p> 	<ul style="list-style-type: none"> <li>● Model Name : <b>KT 41</b></li> <li>● PCB Size : 21 x 81.5mm</li> <li>● PCB Thickness : 1.6mm</li> <li>● Total Keyboard Thickness : 2.2mm</li> <li>● Stud Length : M3 x 10mm</li> <li>● Connector Type : 5 Pin Relimate</li> <li>● Type : Tactile</li> <li>● Insert Provision for Text</li> </ul>
<p><b>KT 42</b></p> 	<p><b>FRONT VIEW (Keys Matrix)</b></p> 	<ul style="list-style-type: none"> <li>● Model Name : <b>KT 42</b></li> <li>● PCB Size : 37 x 81.5mm</li> <li>● PCB Thickness : 1.6mm</li> <li>● Total Keyboard Thickness : 2.2mm</li> <li>● Stud Length : M3 x 10mm</li> <li>● Connector Type : 6 Pin Relimate</li> <li>● Type : Tactile</li> <li>● Insert Provision for Text</li> </ul>
<p><b>KT 43</b></p> 	<p><b>FRONT VIEW (Keys Matrix)</b></p> 	<ul style="list-style-type: none"> <li>● Model Name : <b>KT 43</b></li> <li>● PCB Size : 58 x 78mm</li> <li>● PCB Thickness : 1.6mm</li> <li>● Total Keyboard Thickness : 2.2mm</li> <li>● Stud Length : M3 x 10mm</li> <li>● Connector Type : 7 Pin Relimate</li> <li>● Type : Tactile</li> <li>● Insert Provision for Text</li> </ul>

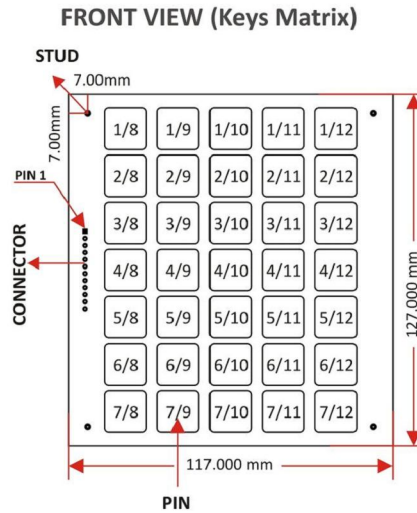
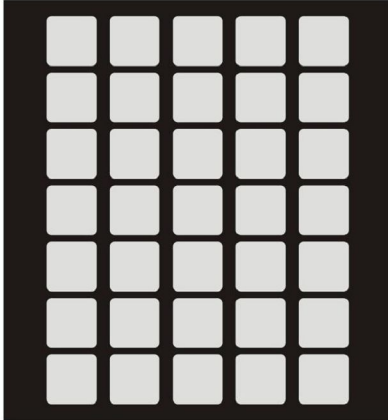
Keyboard	Mechanical & Circuit Drawing	Specifications
<p><b>KT 44</b></p> 	<p><b>FRONT VIEW (Keys Matrix)</b></p> 	<ul style="list-style-type: none"> <li>● Model Name : <b>KT 44</b></li> <li>● PCB Size : 60 x 70 mm</li> <li>● PCB Thickness : 1.6mm</li> <li>● Total Keyboard Thickness : 2.2mm</li> <li>● Stud Length : M3 x 10mm</li> <li>● Connector Type : 8 Pin Relimate</li> <li>● Type : Tactile</li> <li>● Insert Provision for Text</li> </ul>
<p><b>KT 45</b></p> 	<p><b>FRONT VIEW (Keys Matrix)</b></p> 	<ul style="list-style-type: none"> <li>● Model Name : <b>KT 45</b></li> <li>● PCB Size : 110 x 75 mm</li> <li>● PCB Thickness : 1.6mm</li> <li>● Total Keyboard Thickness : 2.2mm</li> <li>● Stud Length : M3 x 10mm</li> <li>● Connector Type : 10 Pin Relimate</li> <li>● Type : Tactile</li> <li>● Insert Provision for Text</li> </ul>
<p><b>KT 55</b></p> 	<p><b>FRONT VIEW (Keys Matrix)</b></p> 	<ul style="list-style-type: none"> <li>● Model Name : <b>KT 55</b></li> <li>● PCB Size : 100 x 110 mm</li> <li>● PCB Thickness : 1.6mm</li> <li>● Total Keyboard Thickness : 2.2mm</li> <li>● Stud Length : M3 x 10mm</li> <li>● Connector Type : 10 Pin Relimate</li> <li>● Type : Tactile</li> <li>● Insert Provision for Text</li> </ul>

Keyboard

Mechanical & Circuit Drawing

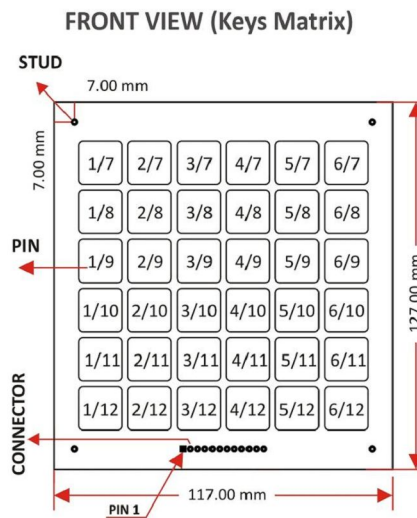
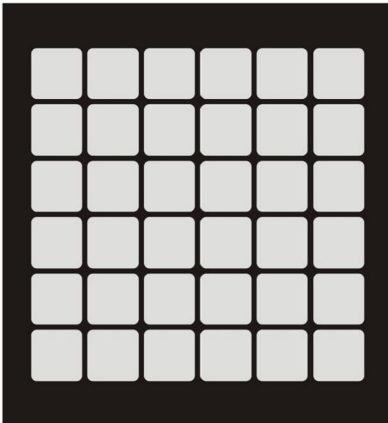
Specifications

**KT 57**



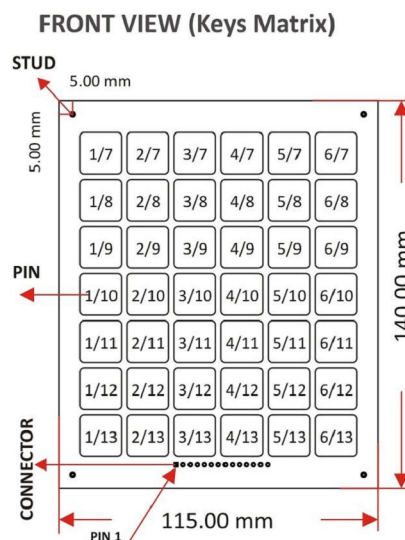
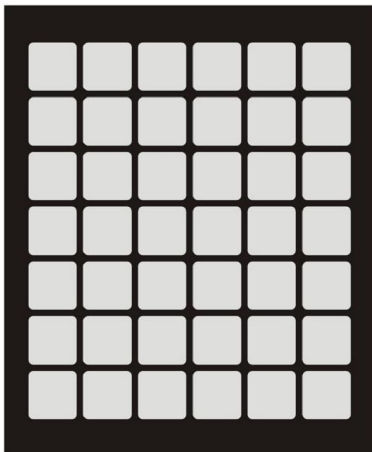
- Model Name : **KT 57**
- PCB Size : 117 x 127 mm
- PCB Thickness : 1.6mm
- Total Keyboard Thickness : 2.2mm
- Stud Length : M3 x 10mm
- Connector Type : 12 Pin Relimate
- Type : Tactile
- Insert Provision for Text

**KT 66**



- Model Name : **KT 66**
- PCB Size : 117 x 127 mm
- PCB Thickness : 1.6mm
- Total Keyboard Thickness : 2.2mm
- Stud Length : M3 x 10mm
- Connector Type : 12 Pin Relimate
- Type : Tactile
- Insert Provision for Text

**KT 67**



- Model Name : **KT 67**
- PCB Size : 115 x 140 mm
- PCB Thickness : 1.6mm
- Total Keyboard Thickness : 2.2mm
- Stud Length : M3 x 10mm
- Connector Type : 14 Pin Relimate
- Type : Tactile
- Insert Provision for Text

These Keyboards consist of glass epoxy PCB with a metal dome mounted on it. When pressed the metal dome travels to make contact with the electrode on the PCB. The metal domes are available in variety of diameters from 6 mm to 20 mm. A highly reliable contact can be achieved by using a gold plated domes / PCB. These keyboards are ideal for application where users need the feedback, to recognise whether the contact is achieved or not.

### Standard Operating Specifications

- |  |   |                                 |
|--|---|---------------------------------|
| 1. Operating Voltage                     | : 24 V DC max.  | } For KBD<br>without<br>USB/PS2 |
| 2. Operating Current                     | : 80 mA max.  |                                 |
| 3. Contact Resistance                    | : 2 ohms.   |                                 |
| 4. Life Expectancy                       | : Tactile - 1 Million Operations  |                                 |
| 5. Activation Force                      | : 280-350 Grams   |                                 |
| 6. Contact Bounce                        | : 10 milli seconds.   |                                 |
| 7. Operating Temperature                 | : -18° C to +70° C.   |                                 |
| 8. Humidity                              | : 95%RH/40° C/48 Hrs.   |                                 |
| 9. Insulation Resistance                 | : @500 VDC between terminal & Aluminium foil wrapped around the keyboard. |                                 |
| 10. Vibration                            | : 1 Hour freq. 10-150-10 Hz.  |                                 |
| 11. Degree of Protection<br>(Front side) | : IP 54, IP 67  |                                 |
| 12. Dimensional Tolerance                | : +/- 0.2 mm  |                                 |
| 13. Warranty                             | : One year from date of sale & against manufacturing defect only.         |                                 |

### Optional Features:

1. EMI / RFI shielding with Aluminium foil / Conductive mesh
2. Ultra Violet, hard coated windows
3. Display only when lit, windows
4. SMD Component, such as LED's, Resistors, Capacitors & Multipin Ic's
5. Relegendable pockets for inserting customised legends
6. Embossing, Round, Triangular, Square shape possible
7. Phosphorescent Lighting.
8. Gold plated PCB / Domes.