**Potentiometer Type Multi Control Devices / Soldering Conditions**

### Reference for Manual Soldering

<table>
<thead>
<tr>
<th>Series</th>
<th>Tip temperature</th>
<th>Soldering time</th>
<th>No. of solders</th>
</tr>
</thead>
<tbody>
<tr>
<td>RKJXK, RKJXV</td>
<td>350°C max.</td>
<td>3s max.</td>
<td>1 time</td>
</tr>
</tbody>
</table>

### Reference for Dip Soldering

<table>
<thead>
<tr>
<th>Series</th>
<th>Preheating</th>
<th>Dip Soldering</th>
<th>No. of solders</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Soldering surface temperature</td>
<td>Heating time</td>
<td>Soldering temperature</td>
</tr>
<tr>
<td>RKJXK</td>
<td>90 to 100°C</td>
<td>45s max.</td>
<td>255 to 260°C</td>
</tr>
<tr>
<td>RKJXV</td>
<td>90 to 120°C</td>
<td>60s max.</td>
<td>260°C</td>
</tr>
</tbody>
</table>

**Potentiometer Type Multi Control Devices / Cautions**

(Circuit Used for Analog Stick Controller)

We recommend you use the potentiometer type in a voltage divider type as shown in Fig. A.

(impedance on the Output Side)

Since this pot is designed to use with its output is connected directly to A/D port. Impedance is considered to be mega ohm level. Then contact resistance in the pot is higher. Please refer to [Fig. 1]. So when you use it in the circuit like [Fig. 2]. Please make sure that impedance should be over than 1M-ohm.

(Dew Condensation)

Avoid using the product when condensation or drops of water might occur inside the product. Otherwise, insulation deterioration or shorting may occur.

(Soldering)

Do not employ wiring designs and soldering methods as illustrated in the schematic drawing. Molten solder flowing over the upper surface of PC board can cause imperfect contacts. Solder all metal inserted fixing including terminals & metal lugs into a substrate.

(Stress Being Applied to the Terminals)

Always be careful not to apply excessive stress on the terminals. Design appropriate soldering conditions.

(Handling of Variable Resistors Equipped with Switches)

Exercise care when packing or storing. Packaging or storing while load is applied to the shaft may cause a malfunction in performance.

(Storage)

① Store the products as delivered, at a normal temperature and humidity, without direct sunshine and corrosive gas ambient. Use them at an earliest possible timing, not later than six months upon receipt.

② After breaking the seal, keep the products in a plastic bag to shut out ambient air, store them in the same environment as above, and use them up as soon as possible.

③ Do not stack too many switches.

The above operation notes are quoted from the


For details, refer to the original technical report.