

Product Search Data Sheet

## SVM4A103A0L17R00

Appearance & Shape



Note: This datasheet may be out of date. Please download the latest datasheet of SVM4A103A0L17R00 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=SVM4A103A0L17R00



1.It's smallest in the world, therefore can be mounted everywhere!

2.To get precise control for even small size robot, portable gaming devise and so on.....

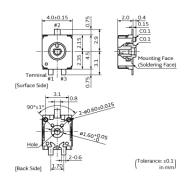
High reliability! High accuracy! Enhanced rotational life!

3.It's very easy to use without electrical circuit.

4. Available for measuring an angle and amount of movement for narrow space!!

### Applications

- 1.Game controller
- 2.Headset
- 3.Robot
- 4.DSC switch



### Packaging Information

| Packaging | Specifications      | Standard<br>Packing<br>Quantity |
|-----------|---------------------|---------------------------------|
| R00       | 180mm Embossed Tape | 500                             |

1 of 3

#### Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued

without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This datasheet has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering





# SVM4A103A0L17R00

Note: This datasheet may be out of date. Please download the latest datasheet of SVM4A103A0L17R00 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=SVM4A103A0L17R00

### Specifications

| Operating Temperature<br>Range                | -40°C to 85°C                                      |
|---|--|
| Shape   | SMD  |
| Total Resistance Value                        | 10kΩ   |
| Total Resistance Value<br>Tolerance           | ±30%   |
| Linearity                                     | ±2%  |
| Effective Rotational Angle<br>(typ.)          | 260°   |
| Temperature Coefficient of Resistance         | ±500ppm/°C   |
| Rotational Life(max.)                         | 1M cycles  |
| Torque(max.)                                  | 6mN·m  |
| Rated Voltage                                 | 5Vdc   |
| Withstanding Voltage                          | 250Vac, 1 min., Leakage<br>current 50 micro A max. |
| Insulation Resistance(min.)                   | 100ΜΩ  |
| Measure Condition of<br>Insulation Resistance | 250Vdc   |
| Mass  | 0.08g  |

2 of 3

#### Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued

without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This datasheet has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.





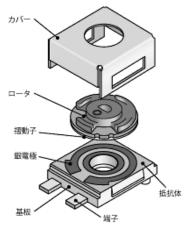


### SVM4A103A0L17R00

Note: This datasheet may be out of date. Please download the latest datasheet of SVM4A103A0L17R00 from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=SVM4A103A0L17R00





Constructions

3 of 3

#### Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued

without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This datasheet has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

