

## 3 mm Square SMT Trimmer Potentiometers (Cermet, Sealed Type)

Type: **EVM7J**  
**EVM7L**



### ■ Features

- 3 mm square types for flow and reflow soldering
- Cost saving filmless sealed structure
- Automatic adjustment type (EVM7L)
- Approved under the ISO 9001 system
- Conforms to JIS C5261

### ■ Recommended Applications

- Audio Visual equipment, Office Automation equipment, Communication equipment
- Other general electronic equipment

### ■ Explanation of Part Numbers

|              |          |          |                            |   |   |           |   |          |                    |    |    |
|--------------|----------|----------|----------------------------|---|---|-----------|---|----------|--------------------|----|----|
| 1            | 2        | 3        | 4                          | 5 | 6 | 7         | 8 | 9        | 10                 | 11 | 12 |
| <b>E</b>     | <b>V</b> | <b>M</b> | <b>7</b>                   |   |   |           |   | <b>0</b> | <b>B</b>           |    |    |
| Product Code |          |          | Type/Structure<br>(7J, 7L) |   |   | Packaging |   |          | Taper & Resistance |    |    |

\*For details of Part Number, refer to page EV4.

### ■ Major Specifications

|                                       |                             |
|---------------------------------------|-----------------------------|
| Total Resistance Value                | 100 Ω to 1 MΩ               |
| Resistance Tolerance                  | ±25 %                       |
| Power Rating                          | 0.05 W                      |
| Maximum Operating Voltage             | 15 V                        |
| Rotation Torque                       | 1 to 15 mN·m                |
| Temperature Coefficient of Resistance | ±250 × 10 <sup>-6</sup> /°C |

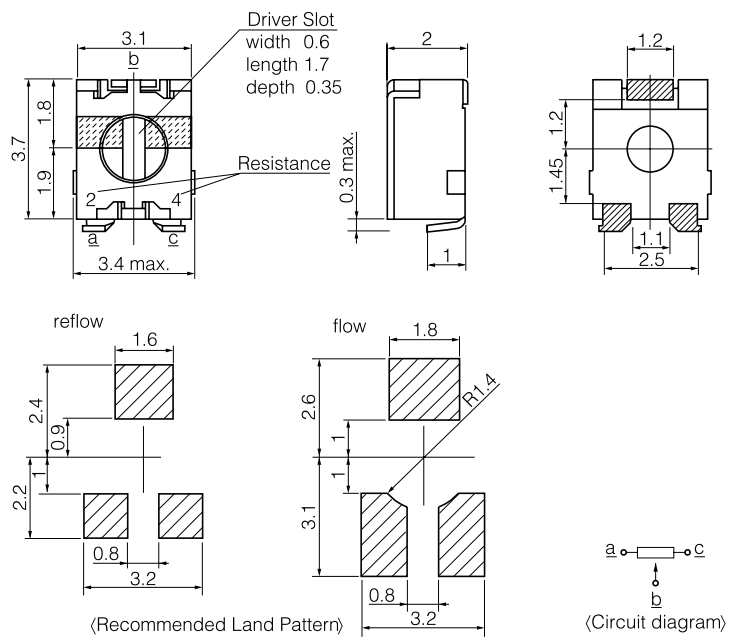
### ■ Minimum Quantity/Packing Unit

| Part Number | Taping            |                    |                   | Bulk              |                    |
|-------------|-------------------|--------------------|-------------------|-------------------|--------------------|
|             | Quantity per reel | Packaging quantity | Dia. of reel (mm) | Quantity per pack | Packaging quantity |
| EVM7J       | 1000              | 4000               | φ178              | 1000              | 5000               |
|             | 5000              | 20000              | φ380              |                   |                    |
| EVM7L       | 750               | 3000               | φ178              |                   |                    |
|             | 4000              | 16000              | φ380              |                   |                    |

- Dimensions in mm (not to scale)
- 3-terminal, Filmless Sealed ..... EVM7J

No. 1





Driver Slot  
width 0.6  
length 1.7  
depth 0.35

Resistance

0.3 max.

2

1

3.1  
b

3.7  
1.8  
1.9

2

4

a

c

3.4 max.

1.2

1.2

1.45

1.1

2.5

reflow

1.6

2.4

0.9

2.2

0.8

3.2

flow

1.8

2.6

1

1

3.1

0.8

3.2

R1.4

(Recommended Land Pattern)

(Circuit diagram)

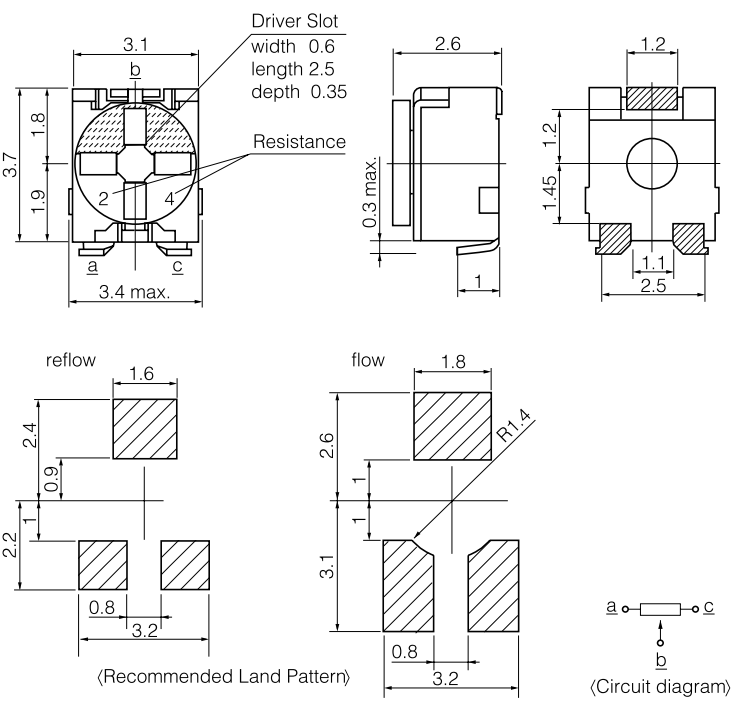
a — b — c

Note: Mounting not possible after trimming knob has been rotated.

- 3-terminal, Filmless Sealed for Automatic Trimming Adjustment ..... EVM7L

No. 2





Driver Slot  
width 0.6  
length 2.5  
depth 0.35

Resistance

0.3 max.

2.6

1

3.1  
b

3.7  
1.8  
1.9

2

4

a

c

3.4 max.

1.2

1.2

1.45

1.1

2.5

reflow

1.6

2.4

0.9

2.2

0.8

3.2

flow

1.8

2.6

1

1

3.1

0.8

3.2

R1.4

(Recommended Land Pattern)

(Circuit diagram)

a — b — c

Note: Mounting not possible after trimming knob has been rotated.

■ Explanation of Part Numbers

