

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
E	V	M	7					0	B		
Product Code			Type/Structure (7J, 7L)			Packaging			Taper & Resistance		

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

■ Major Specifications

Total Resistance Value	100 Ω to 1 M Ω
Resistance Tolerance	$\pm 25\%$
Power Rating	0.05 W
Maximum Operating Voltage	15 V
Rotation Torque	1 to 15 mN·m
Temperature Coefficient of Resistance	$\pm 250 \times 10^{-6}/^{\circ}\text{C}$

■ 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	$\phi 178$	1000	5000
	5000	20000	$\phi 380$		
EVM7L	750	3000	$\phi 178$		
	4000	16000	$\phi 380$		

- 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

