

### 3 mm Square Low-Profile SMT Trimmer Potentiometers (Cermet, Open Frame Type)

Type: **EVM3W**



#### ■ Features

- Low-profile 0.95 mm (1.1 mm max.)
- High reliability realized by cermet element
- Excellent mountability
- Conforms to JIS C5260-1:1999

#### ■ Recommended Applications

- Audio/visual, office, and communication equipment
- General electronic equipment

#### ■ Explanation of Part Numbers

1	2	3	4	5	6	7	8	9	10	11	12
E	V	M	3	W	S	X	8	0	B	5	2
Product Code		Type/Structure			Packaging			Taper & Resistance			12
									Example : B52=500 $\Omega$		

\*For part number details, refer to page ER137.

#### ■ Specifications

Total Resistance Value	100 $\Omega$ to 1 M $\Omega$
Resistance Tolerance	$\pm 25\%$
Power Rating	0.15 W
Maximum Operating Voltage	50 V
Rotation Torque	2 to 20 mN·m
Temperature Coefficient of Resistance	$\pm 250 \times 10^{-6}/^{\circ}\text{C}$

#### ■ Minimum Quantity/Packing Unit

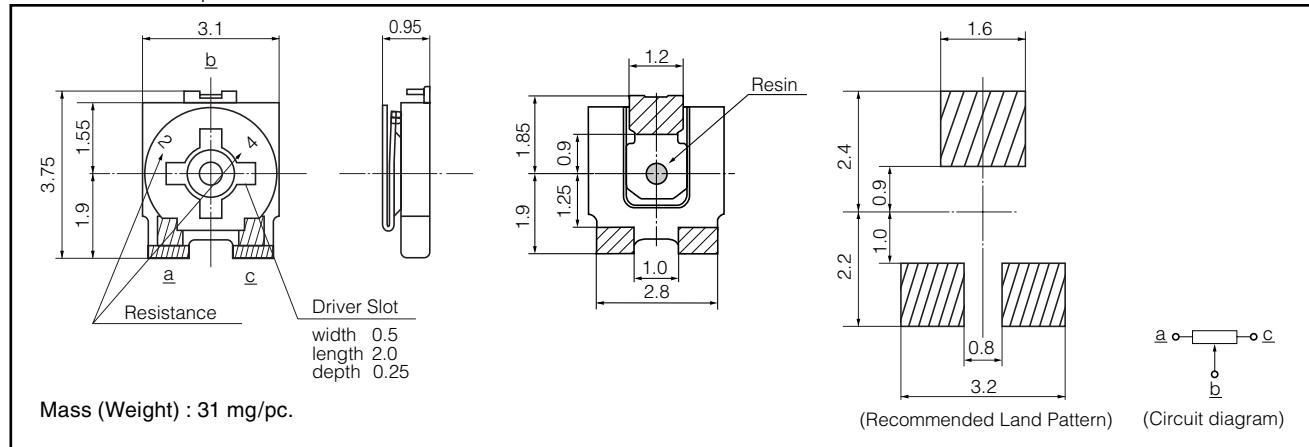
Part Number	Taping		
	Quantity per reel	Packaging quantity	Dia. of reel (mm)
EVM3W	3000	15000	$\phi 178$

The standard packaging methods for a reel is  $\phi 178$ .

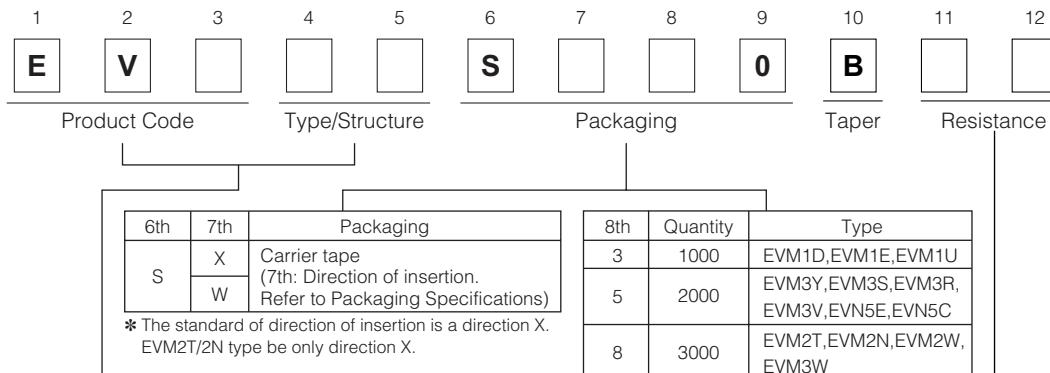
Please contact us, if you would like different packaging methods. (Bulk, Reel of  $\phi 330$ , Reel of  $\phi 380$ )

#### ■ Dimensions in mm (not to scale)

- 3-terminal/Low-profile



### ■ Explanation of Part Numbers



Classification	Type	Symbol(1th to 5th)
Cermet	2 mm Open	EVM2T, EVM2N, EVM2W (low-profile)
	3 mm Open	EVM3Y, EVM3S EVM3R, EVM3W(low-profile) EVM3V(with rotation stopper)
	4 mm Open	EVM1D, EVM1E EVM1U
Carbon	3 mm Dustproof	EVN5E(with rotation stopper) EVN5C

Symbol	Resistance	EVM2T EVM2N EVM2W EVM3Y EVM3S EVM3W EVM3V EVM1D EVM1E EVM1U	EVM3R	EVN5E EVN5C
12	100 $\Omega$	○	—	—
C2	150 $\Omega$	○	—	—
22	200 $\Omega$	○	—	○
E2	220 $\Omega$	○	—	○
32	300 $\Omega$	○	—	○
Y2	330 $\Omega$	○	—	○
Q2	470 $\Omega$	○	—	○
52	500 $\Omega$	○	○	○
S2	680 $\Omega$	○	○	○
13	1 k $\Omega$	○	○	○
C3	1.5 k $\Omega$	○	○	○
23	2 k $\Omega$	○	○	○
E3	2.2 k $\Omega$	○	○	○
33	3 k $\Omega$	○	○	○
Y3	3.3 k $\Omega$	○	○	○
Q3	4.7 k $\Omega$	○	○	○
53	5 k $\Omega$	○	○	○
S3	6.8 k $\Omega$	○	○	○
14	10 k $\Omega$	○	○	○
C4	15 k $\Omega$	○	○	○
24	20 k $\Omega$	○	○	○
E4	22 k $\Omega$	○	○	○
34	30 k $\Omega$	○	○	○
Y4	33 k $\Omega$	○	○	○
Q4	47 k $\Omega$	○	○	○
54	50 k $\Omega$	○	○	○
S4	68 k $\Omega$	○	○	○
15	100 k $\Omega$	○	○	○
C5	150 k $\Omega$	○	○	○
25	200 k $\Omega$	○	○	○
E5	220 k $\Omega$	○	○	○
35	300 k $\Omega$	○	○	○
Y5	330 k $\Omega$	○	○	○
Q5	470 k $\Omega$	○	○	○
55	500 k $\Omega$	○	○	○
S5	680 k $\Omega$	○	○	○
16	1 M $\Omega$	○	○	○

11th	12th	11th	Significant number
		C	1.5
		E	2.2
		Y	3.3
		Q	4.7
		S	6.8

When significant number is odd, letters are assigned as shown above.

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