

3 mm Square SMT Trimmer Potentiometers (Cermet, Open Frame Type)

Type: **EVM3Y**
EVM3S
EVM3R



3Y



3S



3R

■ Features

- Automatic adjustment type (EVM3Y)
- Both sides adjust type (EVM3S)
- Back side adjust type and low-profile 0.9 mm (1.0 mm max.) EVM3R
- High reliability realized by cermet element
- Excellent mountability
- Conforms to JIS C5260-1:1999
- RoHS compliant

■ 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	Y	S	X	5	0	B	5	2
Product Code			Type/Structure (3Y, 3S, 3R)		Packaging				Taper & Resistance Example : B52=500 Ω		

*For part number details, Please see page 93.

■ Specifications

Total Resistance Value Resistance Tolerance	EVM3Y 3S : 100 Ω to 1 MΩ / EVM3R : 500 Ω to 1 MΩ ±25 %
Power Rating Limiting Element Voltage	0.15 W 50 V
Rotation Torque	EVM3Y, 3S : 2 to 20 mN·m / EVM3R : 1 to 20 mN·m
Temperature Coefficient of Resistance	±250 × 10 ⁻⁶ /°C

■ Minimum Quantity/Packing Unit

Part Number	Taping		
	Quantity per reel	Packaging quantity	Dia. of reel (mm)
EVM3Y EVM3S EVM3R	2000	10000	φ178

The standard packaging methods for a reel is φ178.
Please contact us, if you would like different packaging methods. (Bulk, Reel of φ330, Reel of φ380)

Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use.
Should a safety concern arise regarding this product, please be sure to contact us immediately.

■ Dimensions in mm (not to scale)

- 3-terminal, for Automatic Trimming Adjustment/Low-profileEVM3Y

No. 1

Resistance

Driver Slot
width 0.6
length 2.1
depth 0.4

Resin

(Recommended Land Pattern)

(Circuit diagram)

Mass (Weight) : 42 mg/pc.

- 3-terminal, Both Sides AdjustEVM3S

No. 2

Wiper position mark

3.1

1.55

1.9

3.75

0.5

1.4

1.2

1.85

1.1

0.9

1.9

0.56

1.68

2.8

2.3

1.1

1.4

1.7

0.7

3.2

1.8

Resistance

Driver Slot

width 0.55

length 2.5

depth 0.3

Dummy

Driver Slot

width 0.4

depth 0.35

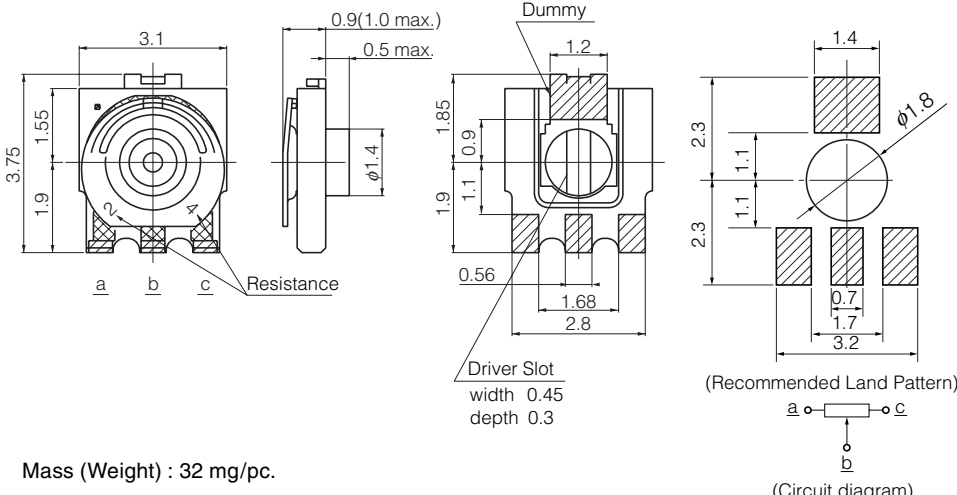
(Recommended Land Pattern)

(Circuit diagram)

- 3-terminal, Back Side Adjust EVM3R

No. 3





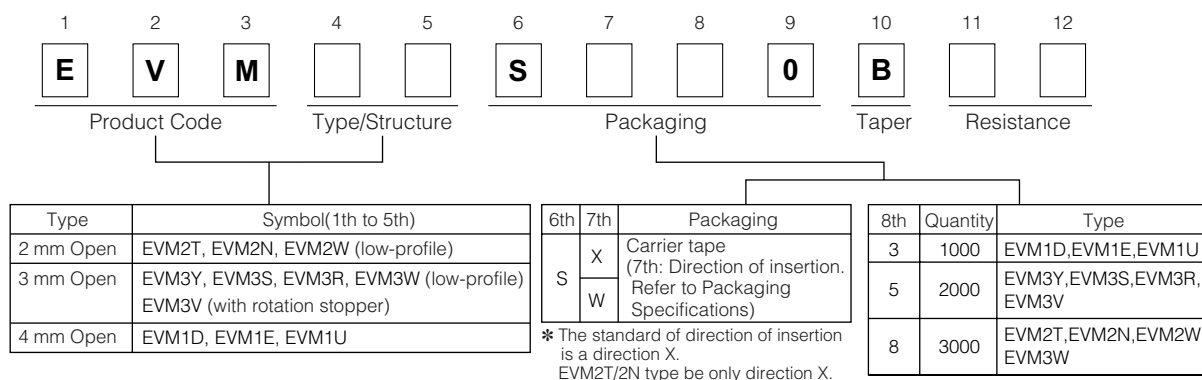
Mass (Weight) : 32 mg/pc.

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00 Sep. 2010

■ Explanation of Part Numbers

● SMT Trimmer Potentiometers



● Ceramic Trimmer Potentiometers

