

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

Type: **EVM3G**  
**EVM3E**  
**EVM3Y**  
**EVM3S**  
**EVM3R**



3G, 3E



3S



3R



3Y

### Features

- Automatic adjustment type (EVM3G, 3E, 3Y)
- 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                                      | G | S         | X | 5 | 0                                         | B  | 5  | 2  |
| Product Code |   |   | Type/Structure<br>(3G, 3E, 3Y, 3S, 3R) |   | Packaging |   |   | Taper & Resistance<br>Example : B52=500 Ω |    |    |    |

### Specifications

|                                                |                                                                                                        |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| Total Resistance Value<br>Resistance Tolerance | EVM3G, 3E, 3Y, 3S : 100 Ω to 1 MΩ / EVM3R : 500 Ω to 1 MΩ<br>EVM3G : ±20 % / EVM3E, 3Y, 3S, 3R : ±25 % |
| Power Rating<br>Limiting Element Voltage       | 0.15 W<br>50 V                                                                                         |
| Rotation Torque                                | EVM3G, 3E, 3Y, 3S : 2 to 20 mN·m / EVM3R : 1 to 20 mN·m                                                |
| Temperature Coefficient of Resistance          | ±250 × 10 <sup>-6</sup> /°C                                                                            |

### Minimum Quantity/Packing Unit

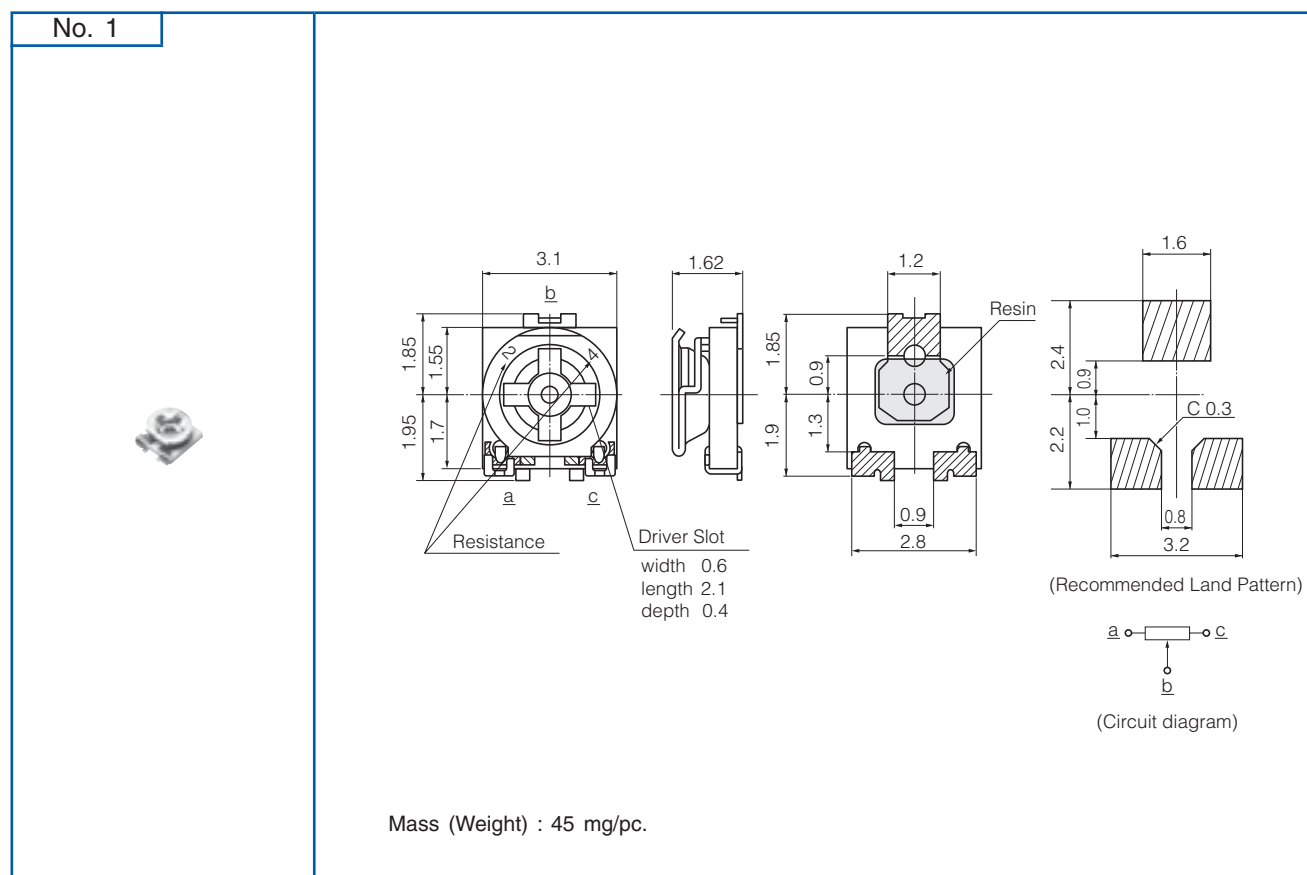
| Part Number                           | Taping            |                    |                   |
|---------------------------------------|-------------------|--------------------|-------------------|
|                                       | Quantity per reel | Packaging quantity | Dia. of reel (mm) |
| EVM3G, EVM3E<br>EVM3Y, EVM3S<br>EVM3R | 2,000             | 10,000             | φ178              |

The standard packaging methods for a reel is φ178.

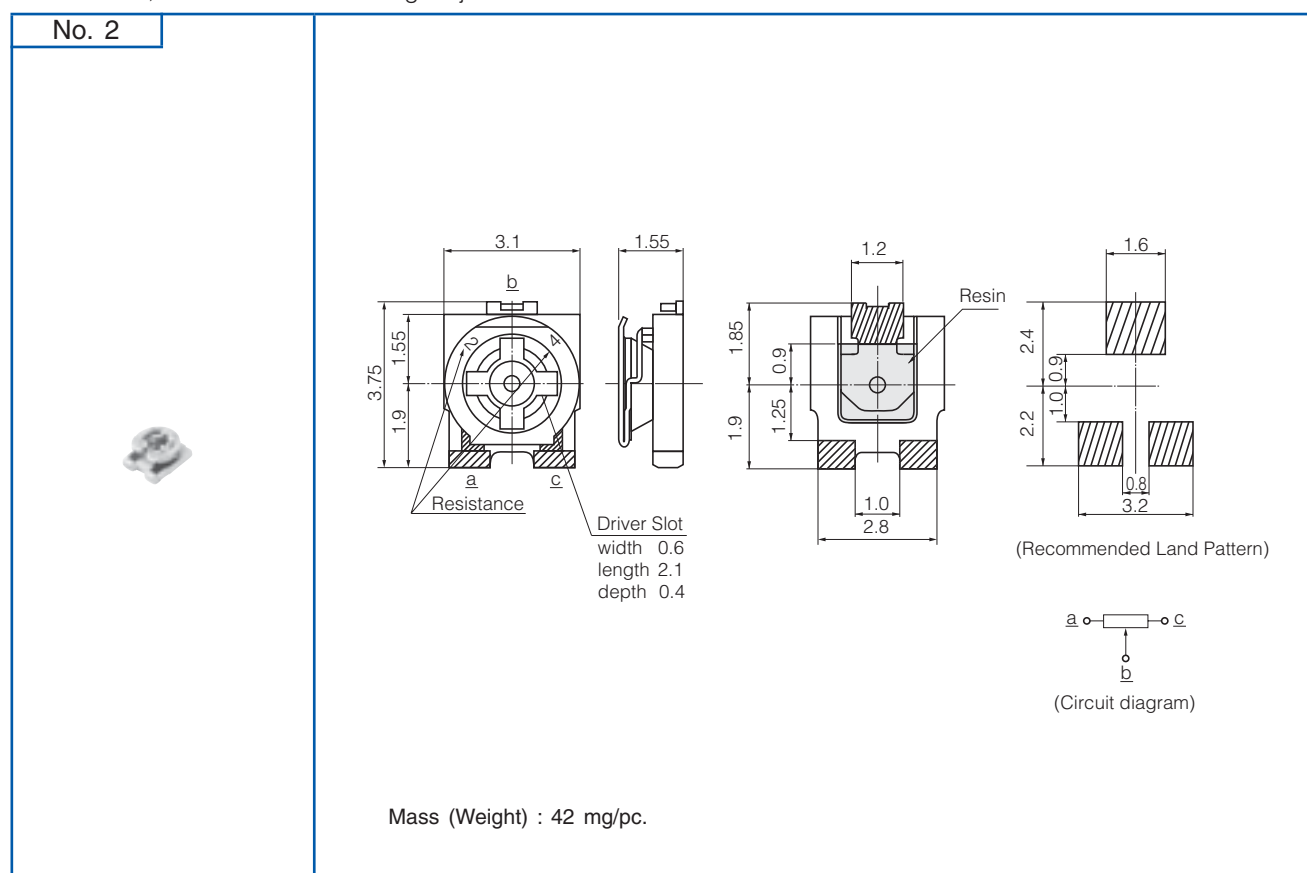
Please contact us, if you would like different packaging methods. (Bulk, Reel of φ330, Reel of φ380)

## Dimensions in mm (not to scale)

- 3-terminal, for Automatic Trimming Adjustment ..... EVM3G, EVM3E

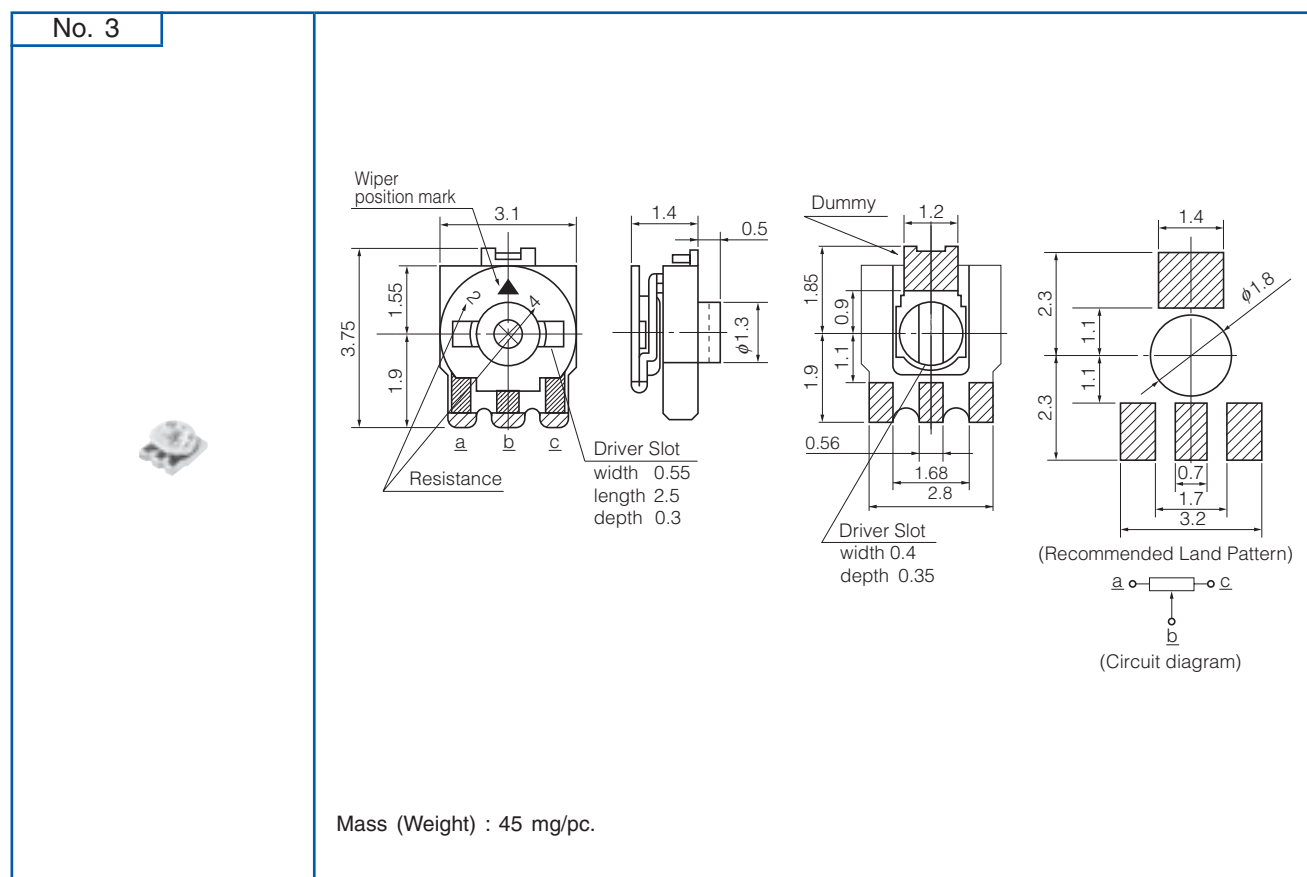


- 3-terminal, for Automatic Trimming Adjustment ..... EVM3Y

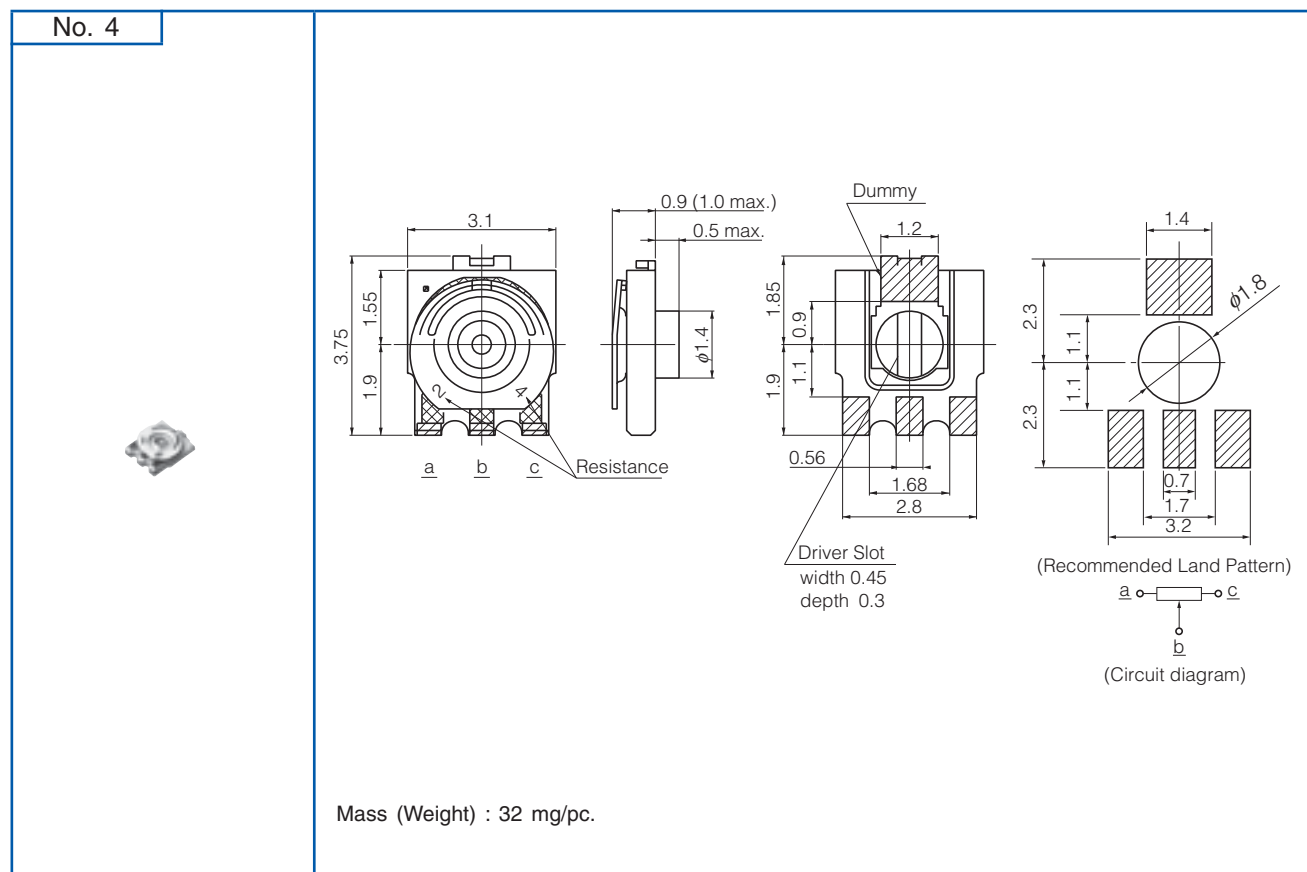


## Dimensions in mm (not to scale)

- 3-terminal, Both Sides Adjust ..... EVM3S



- 3-terminal, Back Side Adjust ..... EVM3R



## Looking for pricing, stock, or lifecycle information?

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⊖ [Panasonic](#) Information

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