

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 (3G, 3E, 3Y, 3S, 3R)		Packaging			Taper & Resistance Example : B52=500 Ω			

Specifications

Total Resistance Value Resistance Tolerance	EVM3G, 3E, 3Y, 3S : 100 Ω to 1 MΩ / EVM3R : 500 Ω to 1 MΩ EVM3G : ±20 % / EVM3E, 3Y, 3S, 3R : ±25 %
Power Rating Limiting Element Voltage	0.15 W 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 ⁻⁶ /°C

Minimum Quantity/Packing Unit

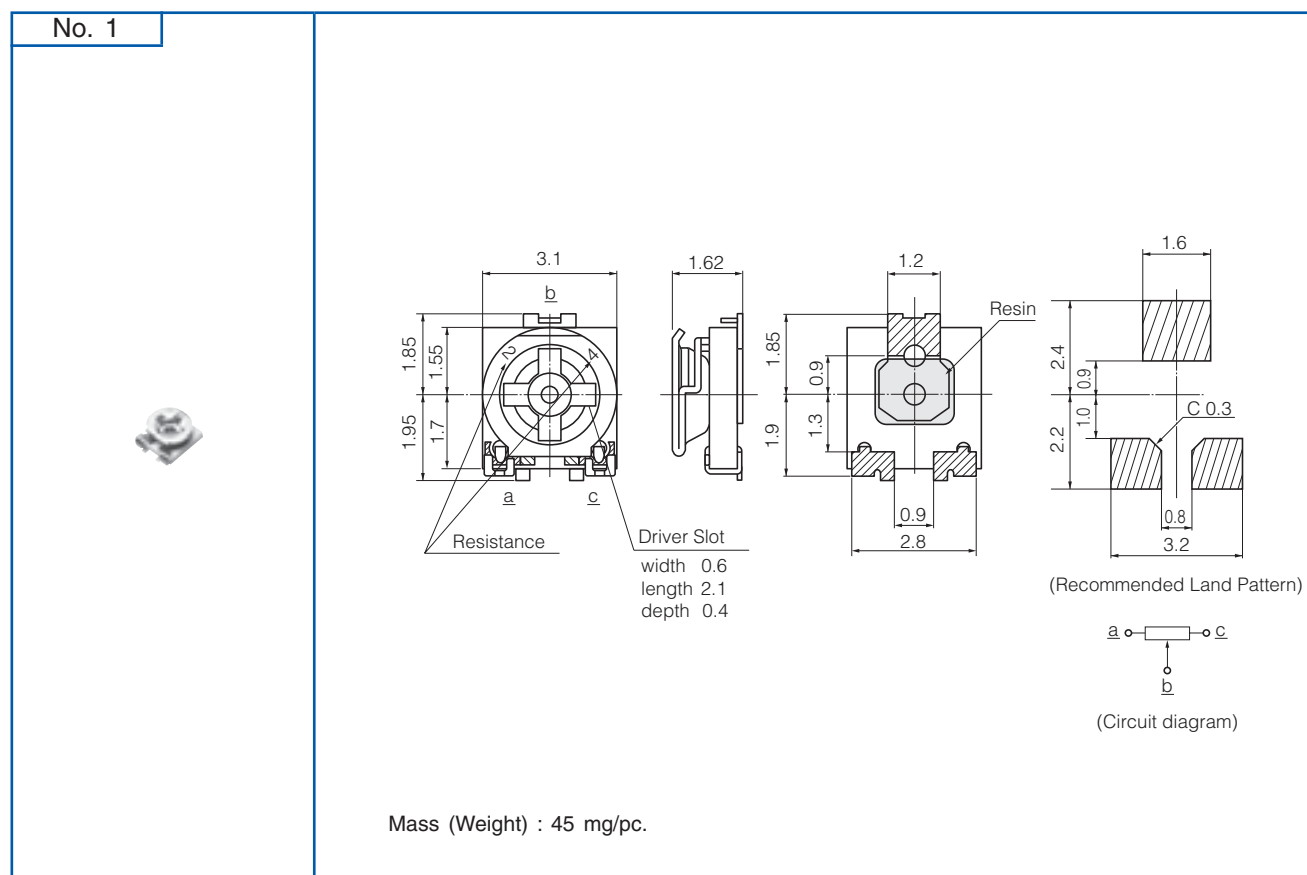
Part Number	Taping		
	Quantity per reel	Packaging quantity	Dia. of reel (mm)
EVM3G, EVM3E EVM3Y, EVM3S EVM3R	2,000	10,000	φ178

The standard packaging methods for a reel is φ178.

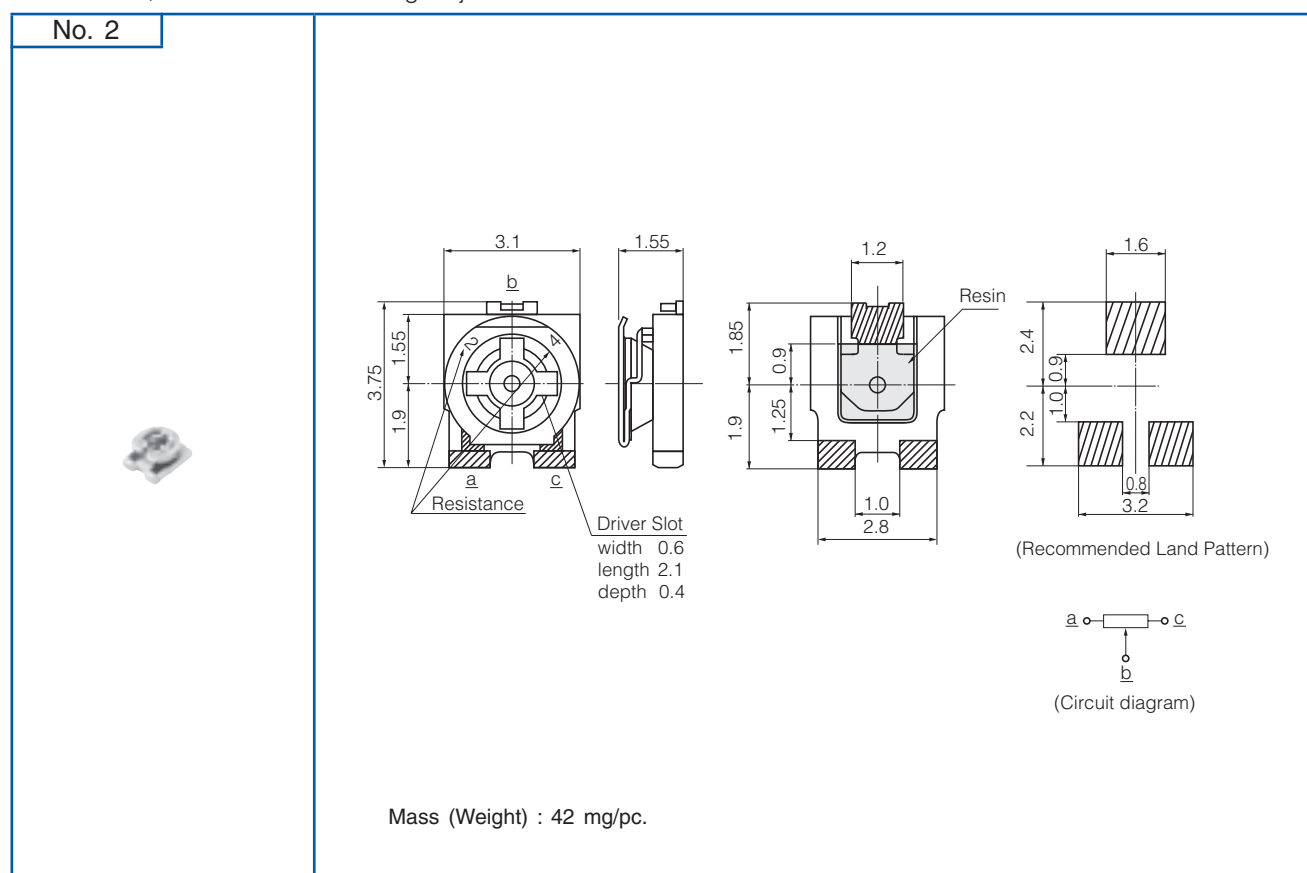
Please contact us, if you would like different packaging methods. (Bulk, Reel of φ330, Reel of φ380)

Dimensions in mm (not to scale)

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

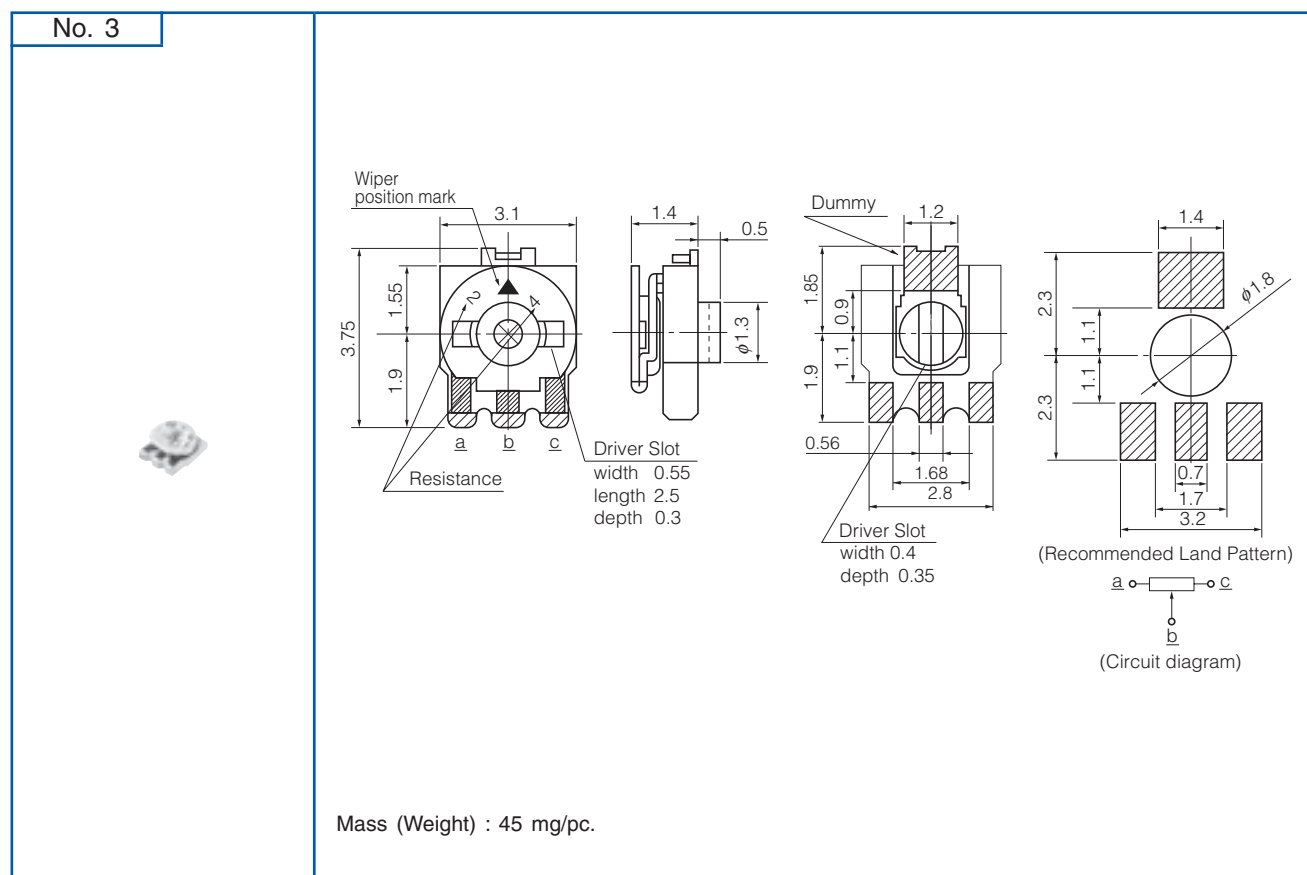


- 3-terminal, for Automatic Trimming Adjustment EVM3Y

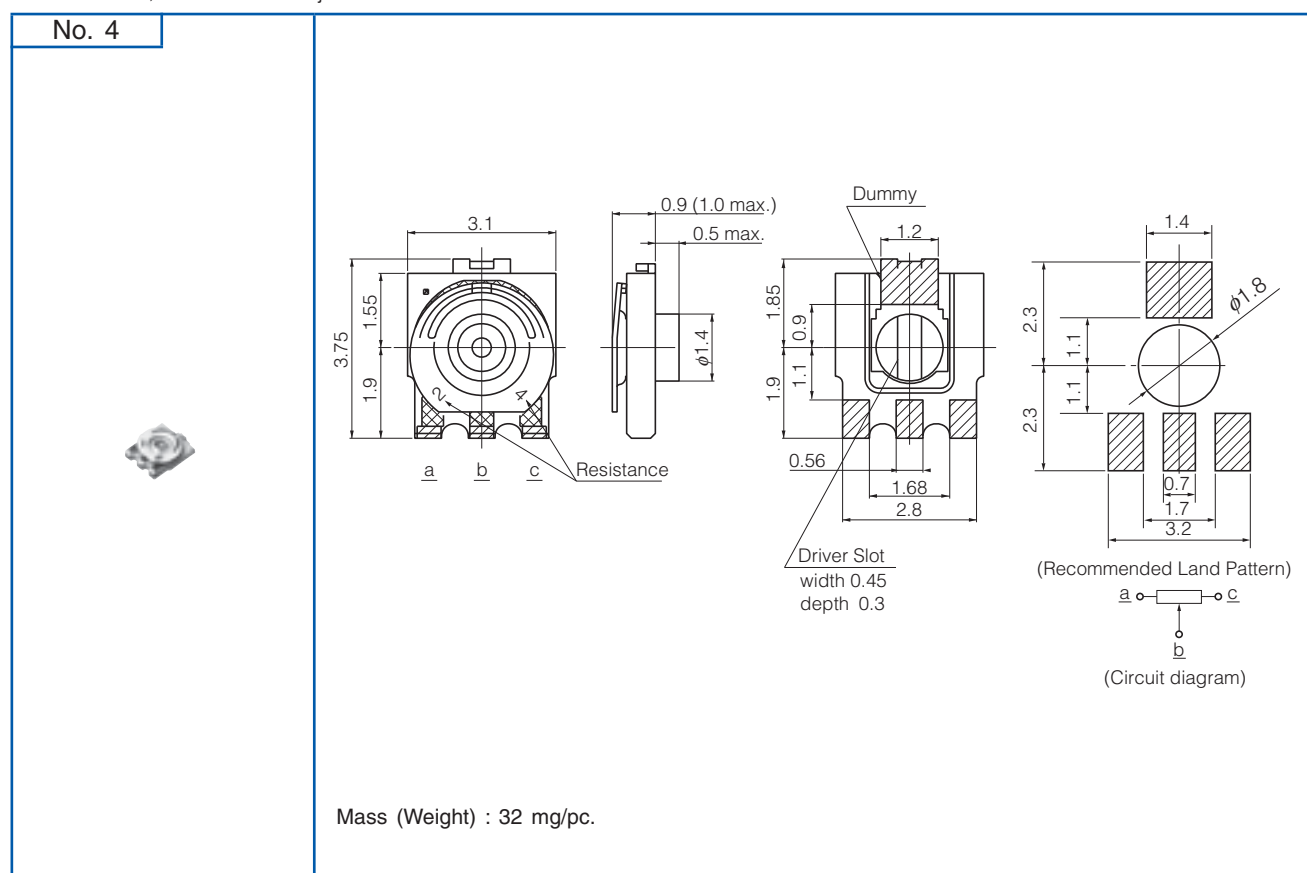


Dimensions in mm (not to scale)

- 3-terminal, Both Sides Adjust EVM3S



- 3-terminal, Back Side Adjust EVM3R



Mouser Electronics

Authorized Distributor

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Panasonic:

<u>EVM-3YSX50B12</u>	<u>EVM-3YSX50B13</u>	<u>EVM-3YSX50B22</u>	<u>EVM-3YSX50B24</u>	<u>EVM-3YSX50B52</u>	<u>EVM-3YSX50B53</u>
<u>EVM-3YSX50B55</u>	<u>EVM-3YSX50B54</u>	<u>EVM-3YSX50B14</u>	<u>EVM-3YSX50B15</u>	<u>EVM-3YSX50B23</u>	<u>EVM-3YSX50B16</u>
<u>EVM-3YSX50B25</u>	<u>EVM-3RSX50B13</u>	<u>EVM-3RSX50B14</u>	<u>EVM-3RSX50B15</u>	<u>EVM-3RSX50B16</u>	<u>EVM-3RSX50B23</u>
<u>EVM-3RSX50B24</u>	<u>EVM-3RSX50B25</u>	<u>EVM-3RSX50B52</u>	<u>EVM-3RSX50B53</u>	<u>EVM-3RSX50B54</u>	<u>EVM-3RSX50B55</u>