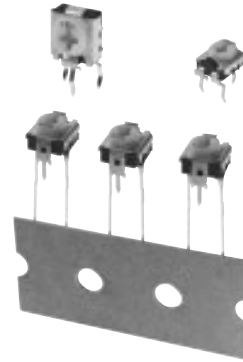


### 6FE Square Trimmer Potentiometers

Type: **EVND**



#### ■ Features

- Top-adjust or side-adjust available
- Radial tapering supported
- High reliability (dustproof construction)

#### ■ Recommended Applications

- Audio Visual Equipment, Home Electrical Appliances

#### ■ Explanation of Part Numbers

1	2	3	4	5	6	7	8	9	10	11	12
<b>E</b>	<b>V</b>	<b>N</b>	<b>D</b>			<b>A</b>	<b>O</b>	<b>3</b>	<b>B</b>		
Product Code			Structure		Material Special		Knob Trims & Knob Length		Taper & Resistance		

#### ■ Specifications

Electrical Specifications	Nominal Total Resistance	500 Ω to 1 MΩ
	Taper	B
	Rating	R ≤ 500 kΩ : 0.1 W 50 V (50 °C) R > 500 kΩ : 0.1 W 25 V (50 °C)
	Residual Resistance	R ≤ 1 kΩ : 30 Ω max., 1 kΩ < R ≤ 2 kΩ : 60 Ω max. 2 kΩ < R ≤ 1 MΩ : 3 % max., or 200 Ω max. whichever smaller
Mechanical Specifications	Rotation Angle	210 ° ± 20 °
	Rotation Torque	2 mN·m to 25 mN·m
	Stopper Strength	Surface : 75 mN·m, reverse side : 35 mN·m
Endurance	Operating Life	100 cycles
	Resistance to Soldering Heat	240 °C to 280 °C : 5 s max., 280 °C to 300 °C : 3 s max.
	Resistance to Damp	After 350 hours : R ≤ 100 kΩ +15 % -0 %, : 100 kΩ < R ≤ 1 MΩ +20 % -0 %
	Endurance under Damp	After 350 hours : 1.5 h ON 0.5 h OFF : R ≤ 100 kΩ ± 15 %, : 100 kΩ < R ≤ 1 MΩ ± 20 %
	Endurance under High Temperature	70 °C ± 3 °C After 250 hours +5 % , -15 %
Minimum Quantity/Packing Unit		EVND2A, EVND8A : 500 pcs. Polyethylene Bag (Bulk) EVNDJA, EVNDXA, EVNDCA : 1000 pcs. Radial Taping (Reel Pack)
Quantity/Carton		EVND2A, EVND8A : 5000 pcs. EVNDJA, EVNDXA, EVNDCA : 10000 pcs.


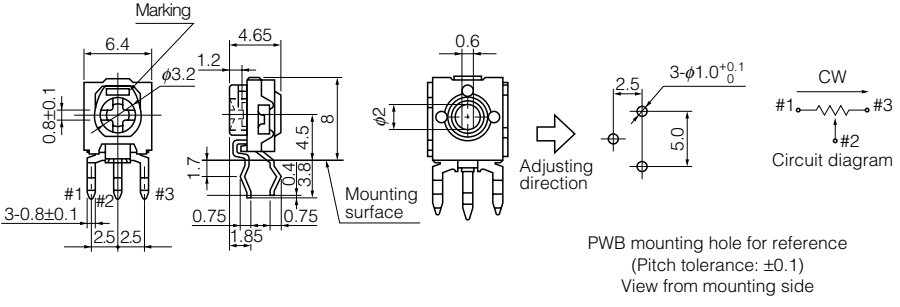
Note : R=Nominal Total Resistance

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.


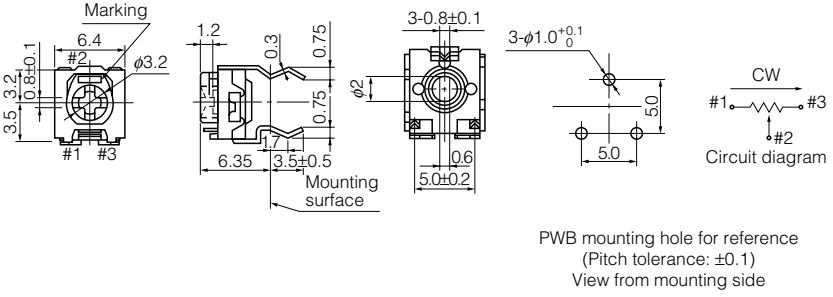
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■ Dimensions in mm (not to scale)

● Side-adjust ..... EVND2A

<p>No. 1</p> 	 <p style="text-align: center;">PWB mounting hole for reference (Pitch tolerance: ±0.1) View from mounting side</p> <table border="1" style="width: 100%; margin-top: 10px;"> <tr> <td style="width: 50%;">Knob color</td> <td>Orange yellow</td> </tr> </table>	Knob color	Orange yellow
Knob color	Orange yellow		

● Top-adjust ..... EVND8A

<p>No. 2</p> 	 <p style="text-align: center;">PWB mounting hole for reference (Pitch tolerance: ±0.1) View from mounting side</p> <table border="1" style="width: 100%; margin-top: 10px;"> <tr> <td style="width: 50%;">Knob color</td> <td>Orange yellow</td> </tr> </table>	Knob color	Orange yellow
Knob color	Orange yellow		

