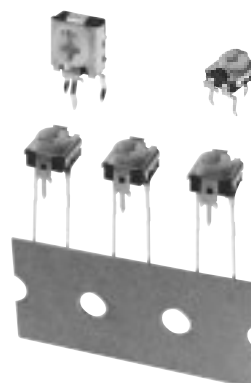


## 6FE Square Trimmer Potentiometers

Type: **EVND**

### ■ Features

- Top-adjust or side-adjust available
- Radial taping 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 |
| E            | V | N | D         |   |                  | A | O                        | 3 | B                  |    |    |
| Product Code |   |   | Structure |   | Material Special |   | Knob Trims & Knob Length |   | Taper & Resistance |    |    |

### ■ Specifications

|                               |                                  |                                                                                                                                                              |
|-------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Electrical Specifications     | Nominal Total Resistance         | 1 k $\Omega$ , 2 k $\Omega$ , 5 k $\Omega$ , 10 k $\Omega$ , 20 k $\Omega$ , 50 k $\Omega$ , 100 k $\Omega$ , 200 k $\Omega$ , 500 k $\Omega$ , 1 M $\Omega$ |
|                               | Taper                            | B                                                                                                                                                            |
|                               | Rating                           | R $\leq$ 500 k $\Omega$ : 0.1 W 50 V (50 °C)<br>R>500 k $\Omega$ : 0.1 W 25 V (50 °C)                                                                        |
|                               | Residual Resistance              | 1 k $\Omega$ $\leq$ R $\leq$ 2 k $\Omega$ : 60 $\Omega$ max.<br>2 k $\Omega$ <R $\leq$ 1 M $\Omega$ : 3 % max., or 200 $\Omega$ max. whichever smaller       |
| Mechanical Specifications     | Rotation Angle                   | 210 ° $\pm$ 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 $\leq$ 100 k $\Omega$ $\pm$ 15 % -0 %,<br>: 100 k $\Omega$ <R $\leq$ 1 M $\Omega$ $\pm$ 20 % -0 %                                        |
|                               | Endurance under Damp             | After 350 hours : 1.5 h ON 0.5 h OFF<br>: R $\leq$ 100 k $\Omega$ $\pm$ 15 %,<br>: 100 k $\Omega$ <R $\leq$ 1 M $\Omega$ $\pm$ 20 %                          |
|                               | Endurance under High Temperature | 70 °C $\pm$ 3 °C After 250 hours +5 %, -15 %                                                                                                                 |
| Minimum Quantity/Packing Unit |                                  | EVND2A, EVND8A : 500 pcs. Polyethylene Bag (Bulk)<br>EVNDJA, EVNDXA, EVNDCA : 1000 pcs. Radial Taping (Reel Pack)                                            |
| Quantity/Carton               |                                  | EVND2A, EVND8A : 5000 pcs.<br>EVNDJA, EVNDXA, EVNDCA : 10000 pcs.                                                                                            |

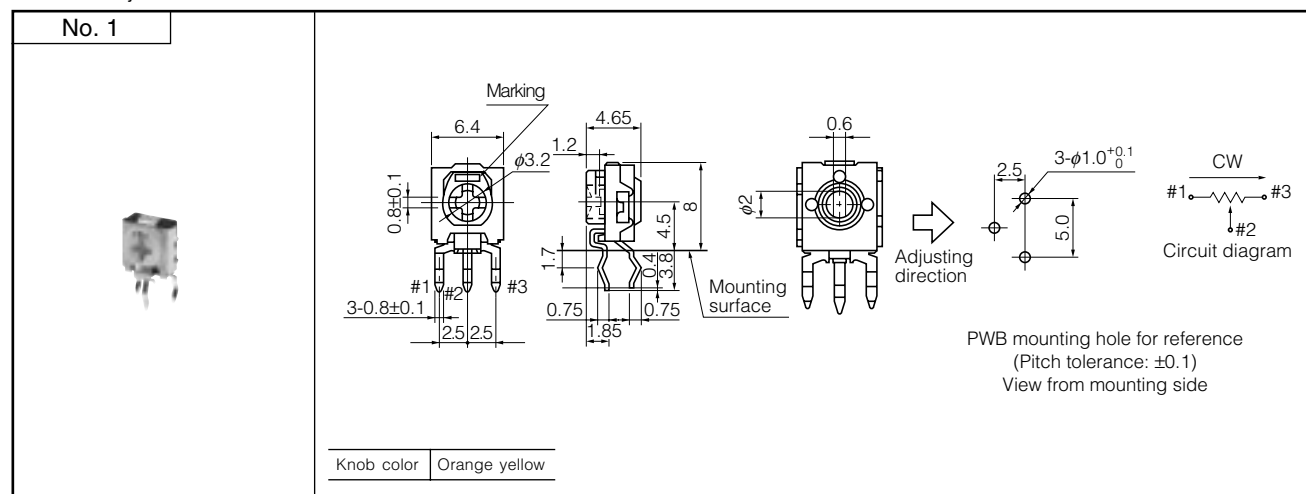
Note : R=Nominal Total Resistance

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.

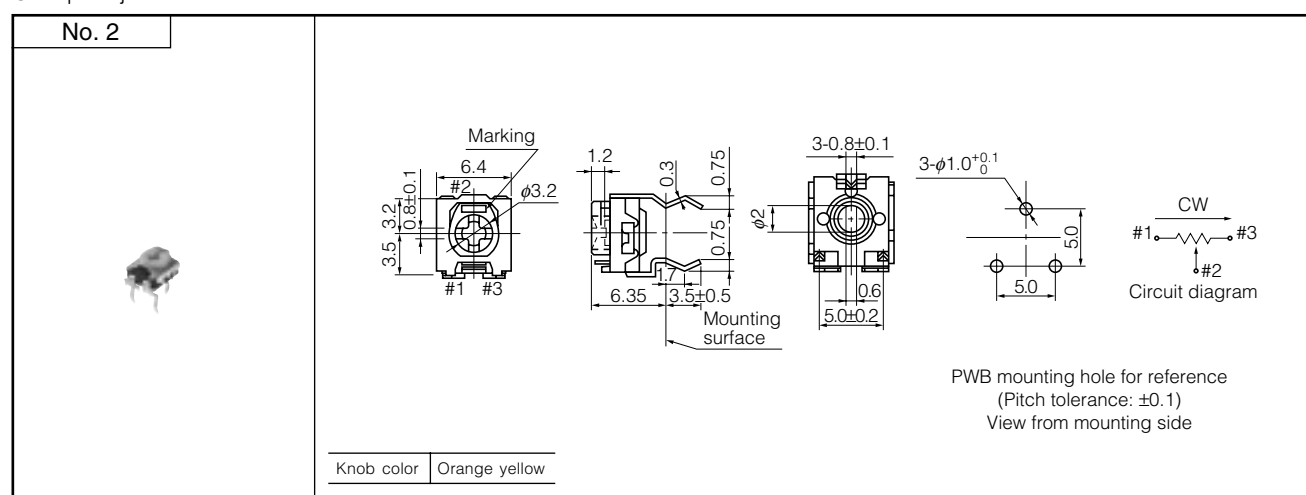
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### ■ Dimensions in mm (not to scale)

#### ● Side-adjust ..... EVND2A

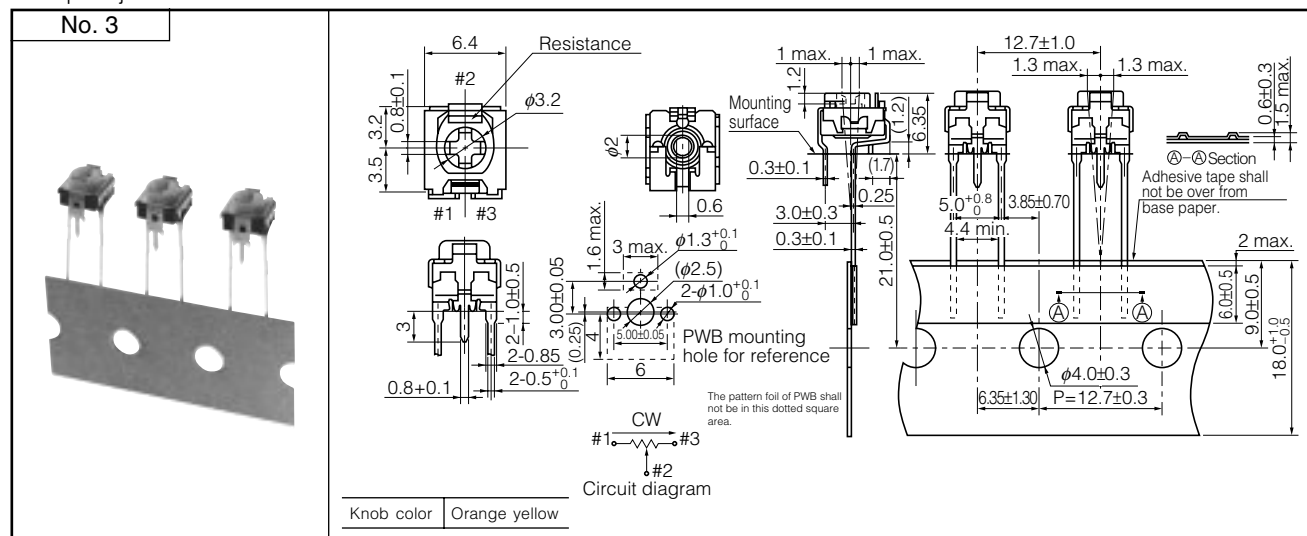


#### ● Top-adjust ..... EVND8A

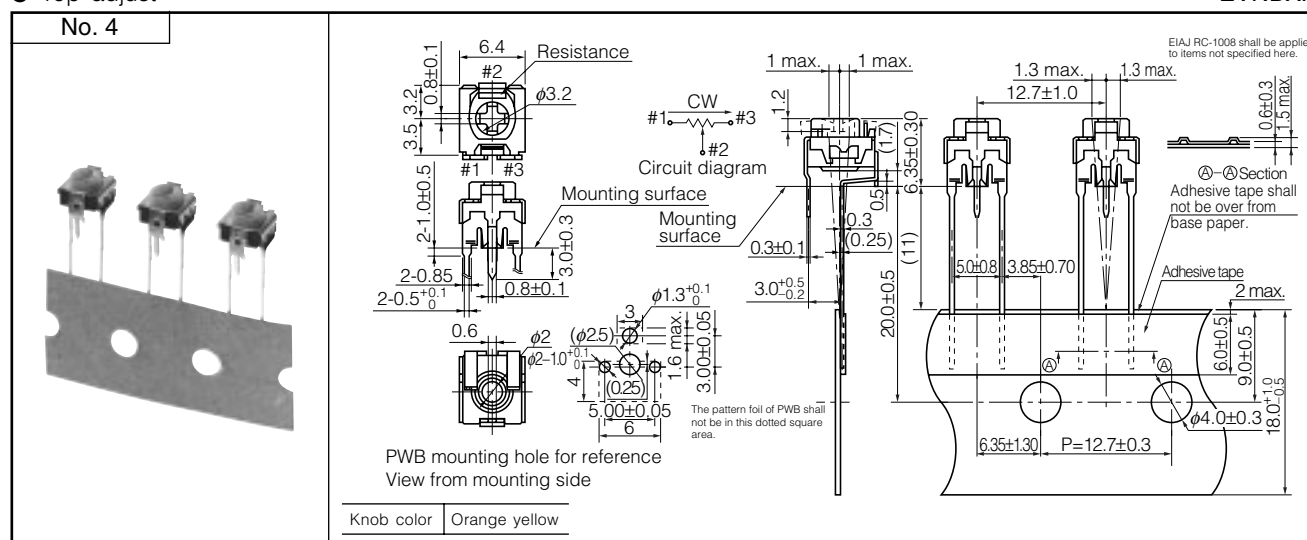


## ■ Radial Taping Products

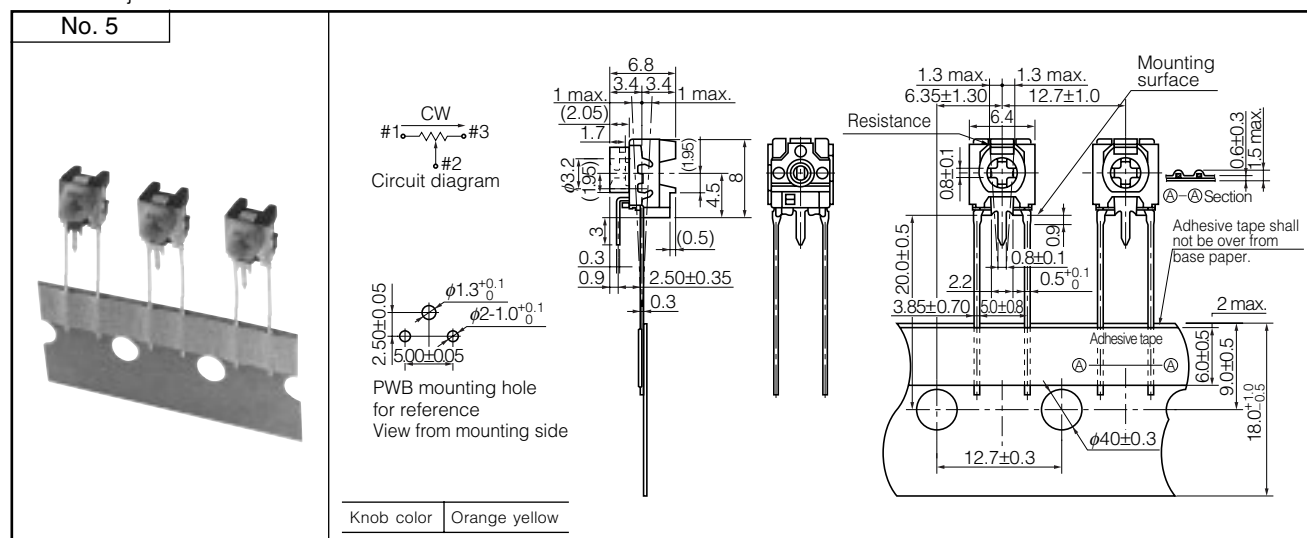
● Top-adjust.....EVNDJA



● Top-adjust.....EVNDXA



● Side-adjust ..... EVNDCA



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