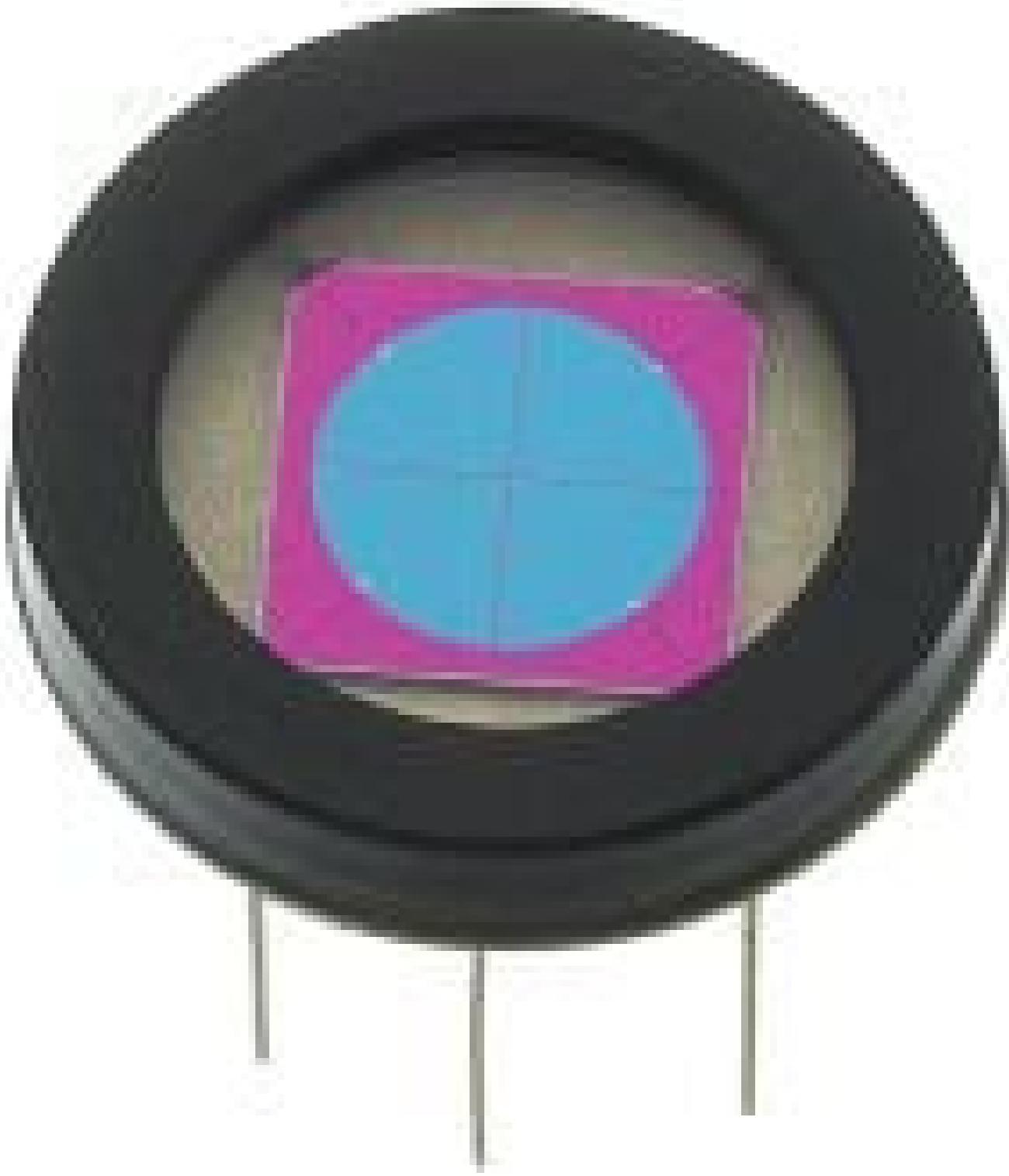


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## 2.8mm<sup>2</sup> Two-Element Segmented Photodiode



Stock **#84-611** **9 In Stock**

1  MRP ₹8,124

Price inclusive of all taxes

**ADD TO CART**

### Volume Pricing

|            |                               |
|------------|-------------------------------|
| Qty 1-4    | ₹8,124 each                   |
| Qty 5-9    | ₹7,222 each                   |
| Qty 10-24  | ₹6,372 each                   |
| Need More? | <a href="#">Request Quote</a> |

### Product Downloads

#### General

25.00 **Rise Time (ns):**

SPOT-3D **Model Number:**

#### Physical & Mechanical Properties

0.6x4.6 **Size of Active Area (mm):**

2.8 **Active Area (mm<sup>2</sup>):**

0.025 **Element Gap (mm):**

## Electrical

**Responsivity @ 970nm (AW):**  
Minimum: 0.6  
Typical: 0.65

7.00 **Capacitance @ V<sub>R</sub>=-10V (pF):**

**Noise Equivalent Power NEP (W/ Hz<sup>1/2</sup>):**  
9.9 x 10<sup>-15</sup> @ -10 V, 970nm

30.00 **Maximum Reverse Voltage (V):**

**Dark Current @ V<sub>R</sub>=-10V (nA):**  
Maximum: 2  
Typical: 0.13

## Hardware & Interface Connectivity

41 / TO-5 **Connector:**

## Environmental & Durability Factors

-40 to 100 **Operating Temperature (°C):**

-55 to 125 **Storage Temperature (°C):**

## Regulatory Compliance

**RoHS 2015:**  
[Compliant](#)

**Reach 223:**  
[Compliant](#)

**Certificate of Conformance:**  
[View](#)

Philippines **Country of Origin:**

**Imported By:**  
Edmund Optics India Private Limited  
267, Greystone Building, Second Floor,  
6th Cross Rd, Binnamangala,  
Stage 1, Indiranagar, Bengaluru,  
Karnataka, India 560038  
Phone: +91- 80-6845 0000

## Product Details

- High Stability Over Temperature and Time
- Excellent Resolution, High Accuracy, Ultra-Low Dark Current
- Two or Four Separate Active Area Segments
- [Segmented InGaAs Photodiodes](#) Also Available

Segmented Photodiodes are designed for a wide variety of applications that require high stability and fast response times. Featuring position resolutions of greater than 0.1µm, Segmented Photodiodes are ideal for surface profiling, position measurement, alignment, or targeting. Segmented Photodiodes are segmented into either two or four separate active areas and have spectral response ranges from 350 – 1100nm. The segmented regions allow various measurement profiles on a single detector.