

## 5.7mm<sup>2</sup> DUV Photodiode with Metal Housing



DUV Photodiodes

Stock **#84-981** [CONTACT US](#)

⊖ 1 ⊕ **A\$144<sup>00</sup>**

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### Product Downloads

#### General

0.2@0V, 1kΩ **Rise Time (μs):**

#### Physical & Mechanical Properties

2.4x2.4 **Size of Active Area (mm):**

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

## Optical Properties

980.00 **Peak Response Wavelength (nm):**

## Electrical

0.5 **Responsivity @ 980nm (AW):**

**Shunt Resistance @ V=-10mV (GΩ):**  
Minimum: 0.3  
Typical: 1

0.34 **Responsivity @ 633nm (AW):**

0.12 **Responsivity @ 200nm (AW):**

65.00 **Capacitance @ V<sub>R</sub>=0V (pF):**

**Noise Equivalent Power NEP (W/ Hz<sup>1/2</sup>):**  
3.6 x 10<sup>-14</sup> @ 0 V, 200nm

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

## Hardware & Interface Connectivity

TO-5 **Connector:**

## Environmental & Durability Factors

-20 to +60 **Operating Temperature (°C):**

-55 to +80 **Storage Temperature (°C):**

## Regulatory Compliance

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

## Product Details

- Excellent UV Sensitivity
- High Shunt Resistance
- Low Capacitance

DUV Photodiodes are ideal for a wide variety of applications, including UV spectrophotometry and analytical and medical instrumentation. DUV Photodiodes are designed for enhanced responsivity from 200 – 400nm, and with sensitivity extending down to 190nm. DUV Photodiodes feature quartz windows and either metal or ceramic housing. Models with suppressed NIR performance are also available.