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## 5.7mm<sup>2</sup> Suppressed NIR DUV Photodiode w/Metal Housing



DUVPhotodiodes

Stock #84-596 **4 In Stock**

⊖ 1 ⊕ £84.<sup>00</sup>

**ADD TO CART**

Volume Pricing	
Qty 1-4	£84.80 each
Qty 5-9	£74.80 each
Qty 10-24	£66.00 each
Need More?	<a href="#">Request Quote</a>

ⓘ Prices shown are exclusive of VAT/local taxes

### Product Downloads

### General

0.5 @ 0V, 1 kΩ **Rise Time (μs):**

### Physical & Mechanical Properties

2.4 x 2.4 **Size of Active Area (mm):**

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

## Optical Properties

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

## Electrical

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

Minimum: 2  
Typical: 20 **Shunt Resistance @ V=-10mV (GΩ):**

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

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

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

$8.2 \times 10^{-15}$  **Noise Equivalent Power NEP (W/ Hz<sup>1/2</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.