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5.7mm² Suppressed NIR DUV Photodiode w/Metal Housing



DUV Photodiodes

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

⊖ 1 ⊕ S\$148⁰⁰

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Volume Pricing	
Qty 1-4	S\$148.40 each
Qty 5-9	S\$130.90 each
Qty 10-24	S\$115.50 each
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General

0.5@0V, 1 kΩ **Rise Time (μs):**

Physical & Mechanical Properties

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

5.7 **Active Area (mm²):**

Optical Properties

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

Electrical

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

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

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

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

140.00 **Capacitance @ V_R=0V (pF):**

Noise Equivalent Power NEP (W/ Hz^{1/2}):
8.2 x 10⁻¹⁵ @ 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.