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100mm² DUV Photodiode with Ceramic Housing



DUV Photodiodes

Stock #84-986 **1 In Stock**

⊖ 1 ⊕ A\$355⁰⁰

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Volume Pricing	
Qty 1-4	A\$355.20 each
Qty 5-9	A\$315.20 each
Qty 10-24	A\$278.40 each
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General

3 @ 0 V, 1 kΩ **Rise Time (μs):**

Physical & Mechanical Properties

10.0 x 10.0 **Size of Active Area (mm):**

100.0 **Active Area (mm²):**

Optical Properties

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

Electrical

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

Shunt Resistance @ V=-10mV (GΩ):
Minimum: 0.04
Typical: 0.2

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

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

1100.00 **Capacitance @ V_R=0V (pF):**

Noise Equivalent Power NEP (W/ Hz^{1/2}):
8.2 x 10⁻¹⁴ @ 0 V, 200nm

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

Hardware & Interface Connectivity

Ceramic **Connector:**

Environmental & Durability Factors

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

-20 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.