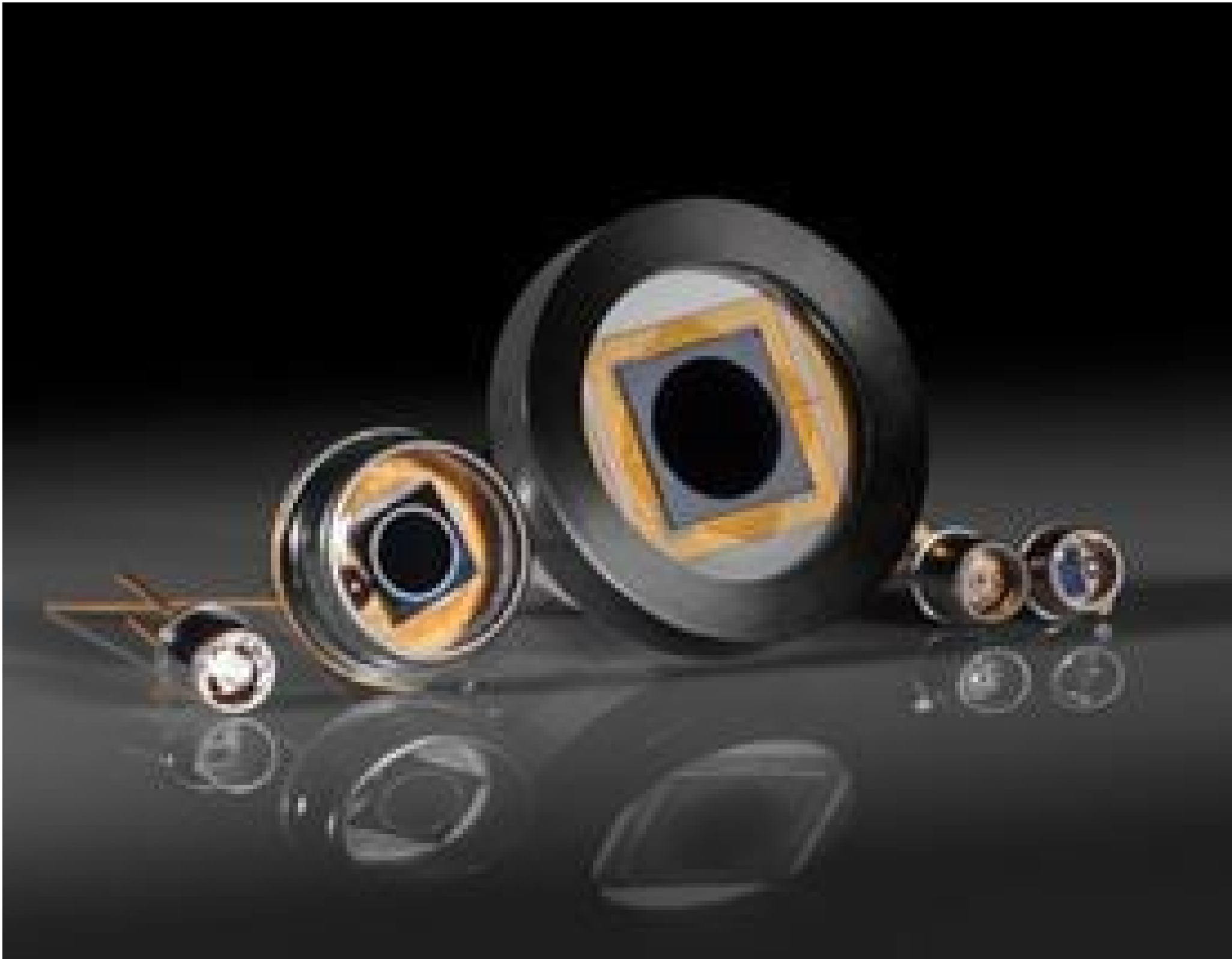


UV Enhanced Response, 20.0mm², Silicon Detector



Silicon Photodiodes

Stock **#54-036** 10 TO 12 DAYS

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Operating Temperature (°C): -20 to 60
Type: Unbiased
Typical Applications: Low light levels, wide spectral bandwidth response
Terminal Capacitance (pF):

1000 @ 0 V
Rise Time (μs): 2.0 @ 0 V/50 Ω, 254nm
Shunt Resistance @ V=-10mV (MΩ): 50.00
Saturation Current, I_{sat} (mA): 0.1
Responsivity @ 254nm (AW): 0.14
Active Area (mm²): 20.0
Noise Equivalent Power NEP (W/ Hz^{1/2}): 2.0 x 10 ⁻¹³
Detectivity (cmHz^{1/2}/W): 2.24 x 10 ¹² @ 0 V, 254nm
Model Number: UV-20
Note: UV Enhanced Response
Construction: Inversion Layer
Outer Diameter (inches): 0.55
Length of Leads (inches): 1.5
Protective Window: Quartz
Package: TO-8

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View