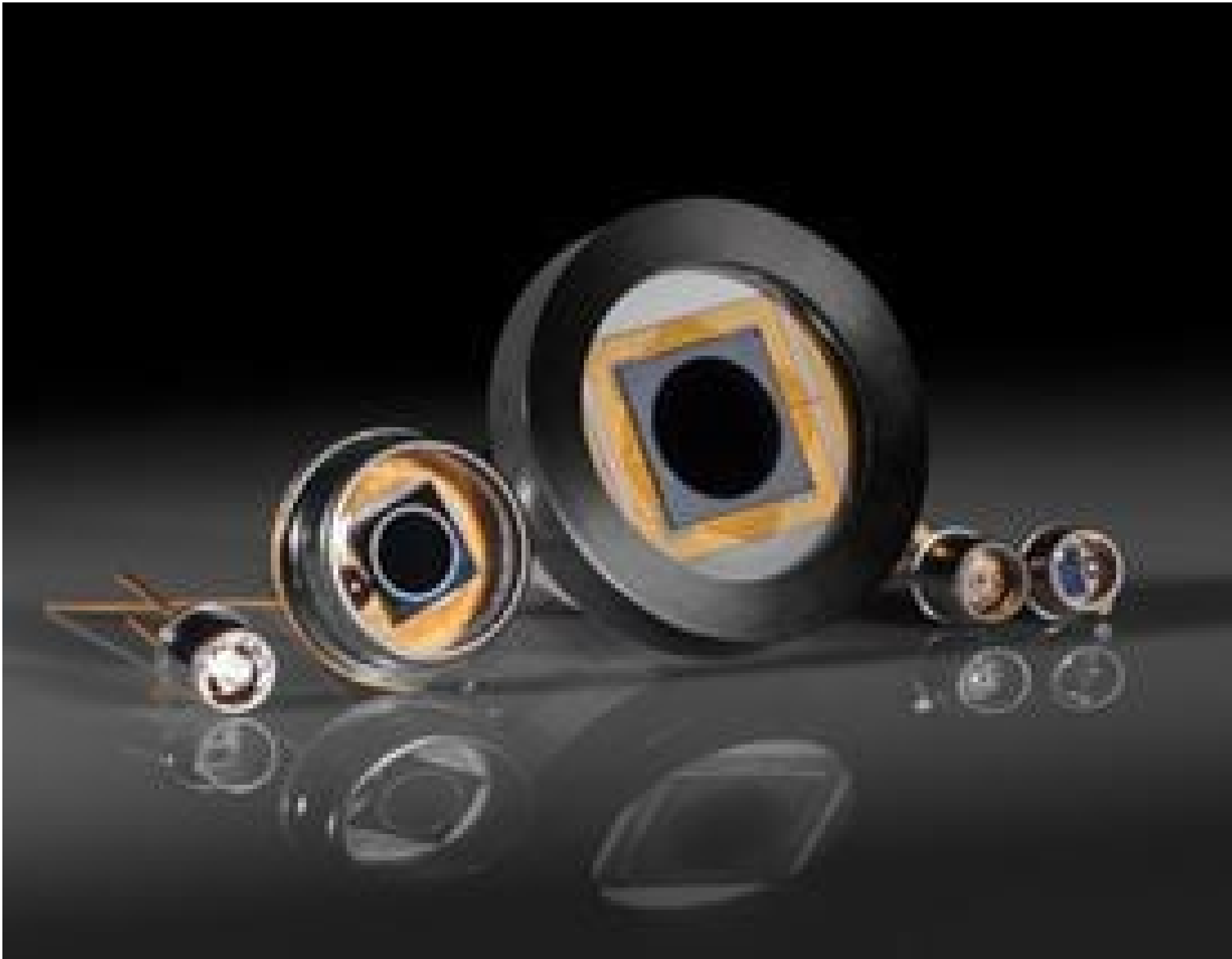


## Normal Response, 0.20mm<sup>2</sup>, Silicon Detector



Silicon Photodiodes

Stock **#57-506** 3-5 DAYS



1



A\$59.20

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Qty 1-4

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Operating Temperature (°C):

-40 to 100

Type:

Biased

Typical Applications:

High light levels, pulse detectors, AC light measurement

|                                                                                     |
|-------------------------------------------------------------------------------------|
| <b>Terminal Capacitance (pF):</b><br>4 @ 0 V; 1 @ 10 V                              |
| <b>Rise Time (ns):</b><br>6 @ -10 V/50 Ω, 632nm                                     |
| <b>Voltage Bias, V<sub>Bias</sub> (V):</b><br>-10                                   |
| <b>Responsivity @ 970nm (AW):</b><br>0.65                                           |
| <b>Active Area (mm²):</b><br>0.20                                                   |
| <b>Noise Equivalent Power NEP (W/ Hz<sup>1/2</sup>):</b><br>2.8 x 10 <sup>-15</sup> |
| <b>Detectivity (cmHz<sup>1/2</sup>/W):</b><br>1.6 x 10 <sup>13</sup> @ -10 V, 970nm |
| <b>Maximum Breakdown Voltage (V):</b><br>30.00                                      |
| <b>Model Number:</b><br>PIN-020A                                                    |
| <b>Note:</b><br>Normal Response                                                     |
| <b>Construction:</b><br>PIN                                                         |
| <b>Dark Current I<sub>d</sub> (nA):</b><br>0.01 @ 10V                               |
| <b>Protective Window:</b><br>Borosilicate                                           |
| <b>Package:</b><br>TO-18                                                            |

Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS:</b><br><a href="#">Compliant</a>                  |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |