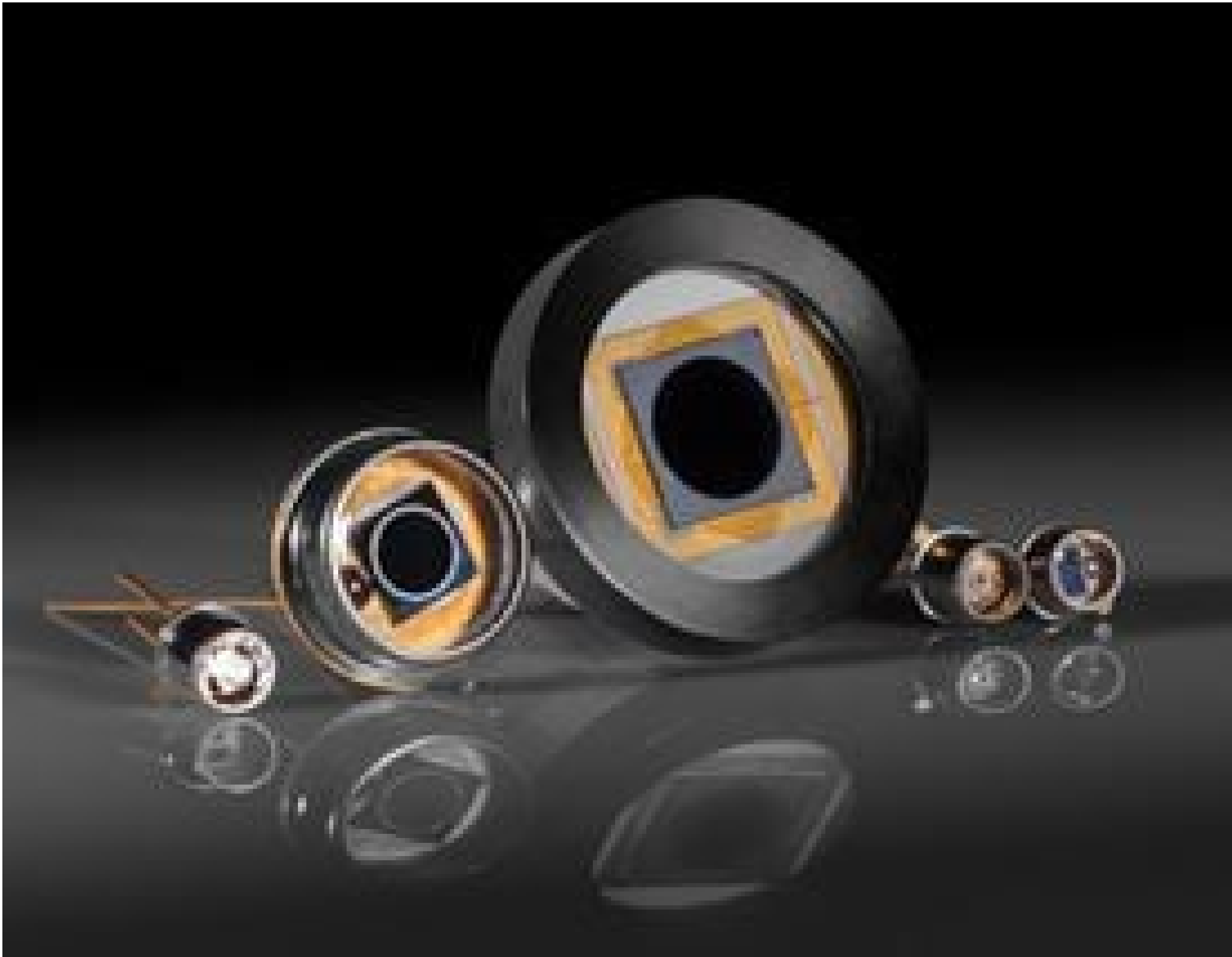


Normal Response, 0.81mm², Silicon Detector



Silicon Photodiodes

Stock **#57-507** 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

Terminal Capacitance (pF): 8 @ 0 V; 2 @ 10 V
Rise Time (ns): 8 @ -10 V/50 Ω, 632nm
Voltage Bias, V_{Bias} (V): -10
Responsivity @ 970nm (AW): 0.65
Active Area (mm²): 0.81
Noise Equivalent Power NEP (W/ Hz^{1/2}): 6.2 x 10 ⁻¹⁵
Detectivity (cmHz^{1/2}/W): 1.45 x 10 ¹³ @ -10 V, 970nm
Maximum Breakdown Voltage (V): 30.00
Model Number: PIN-040A
Note: Normal Response
Construction: PIN
Dark Current I_d (nA): 0.05 @ 10V
Protective Window: Borosilicate
Package: TO-18

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View