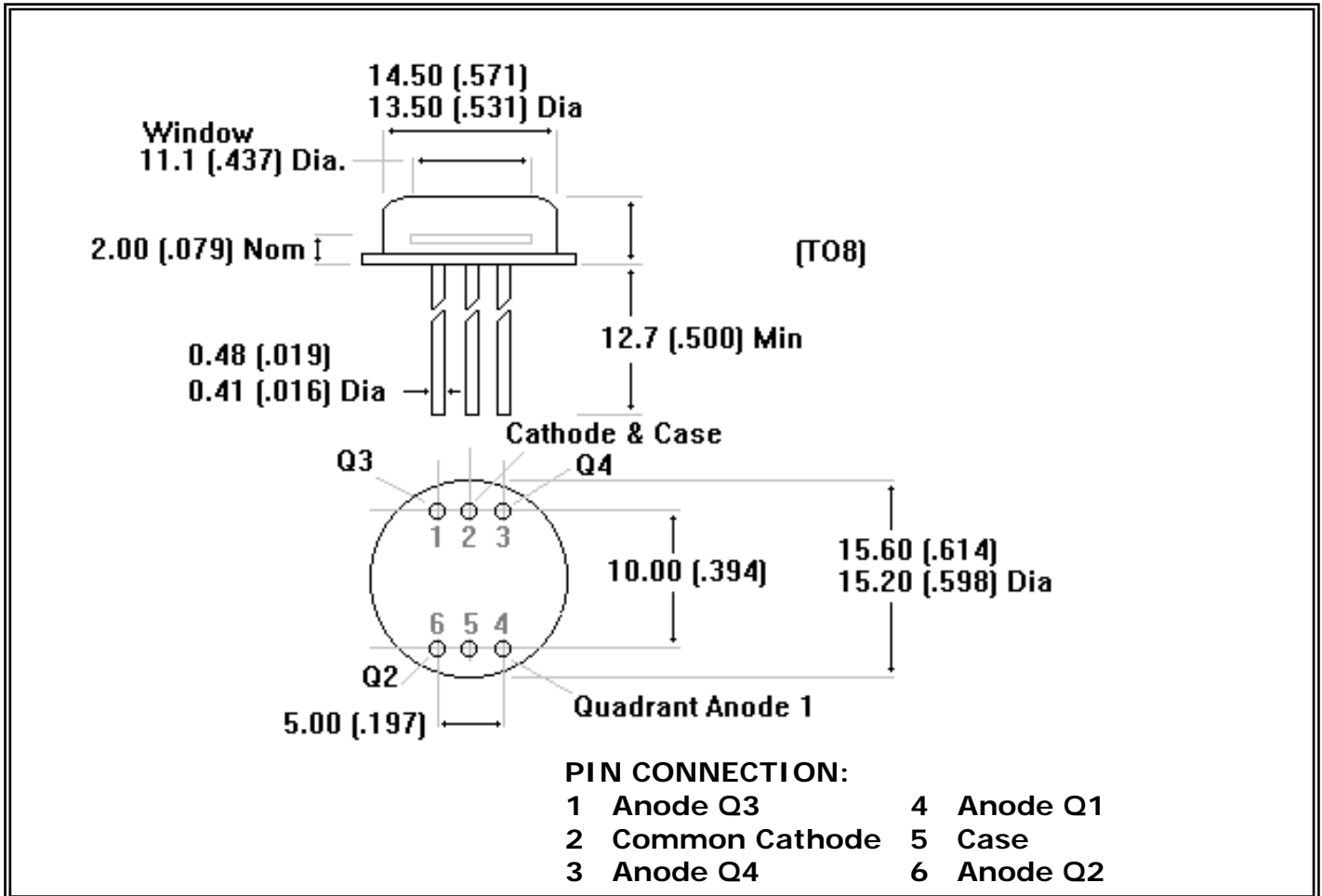


InGaAs QUADRANT DETECTOR



SPECIFICATIONS @ 23° C

Part Number	IGA - 030 - QD
Detector Type	InGaAs Photodiode
Active Diameter (mm), Overall	3 mm
Operating Wavelength (μm)	1.0 - 1.7
Shunt Resistance - ohms (Each Quadrant)	> 60 M
Shunt Capacitance (pF) @ -5V (Each Quadrant)	200 typ
Rise/Fall time (-5V, 50 ohm load)	< 25nsec
Dark Current (nA) @ -5V (Each Quadrant)	2.0 typ / 20. max
Max Reverse Voltage (Each Quadrant)	10V
Responsivity (A/W)	0.9 min @ 1.3 μm
Element Spacing	20 microns typ; 45 microns max
Crosstalk	< 1%