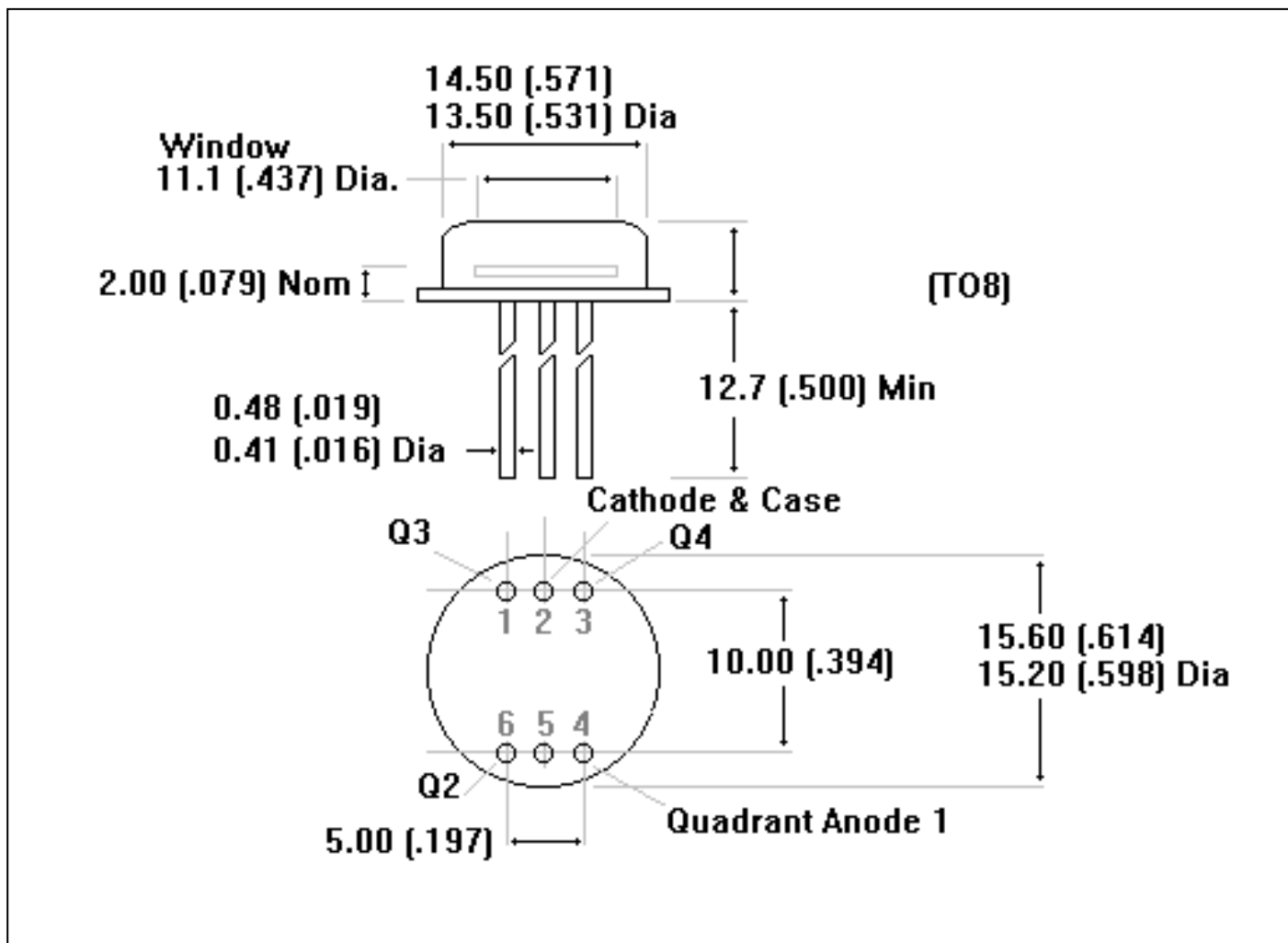


## SILICON QUADRANT DETECTORS



### SPECIFICATIONS – S-078-QD Silicon Quadrant Detector

Part Numbers	S - 078 - QD
Active Area (mm <sup>2</sup> ) overall	50 mm <sup>2</sup> / Sep .2 mm / overall dia 7.8 mm
Dark Current	10 nA max
Shunt Capacitance	100 pf @ 0v typ
NEP ( 950 nm, 1 kHz )	1.7 x 10 <sup>-13</sup> W/Hz <sup>1/2</sup>
Rise Time	< 50 ns / 50 ohms
Crosstalk	1%
Responsivity @ 950 nm	0.6 A/W