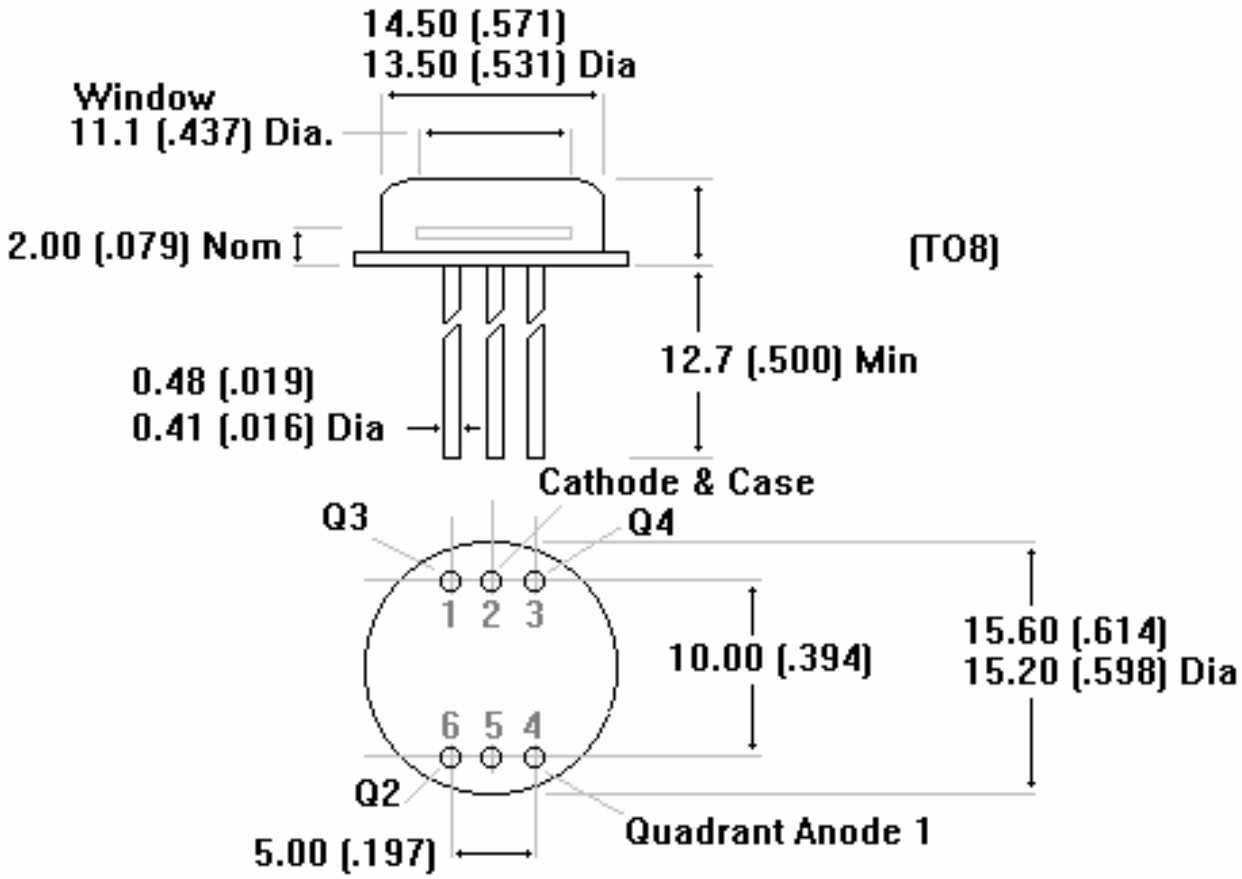
SILICON QUADRANT DETECTORS



Part Numbers	**S – 025 – QD**	**S – 078 – QD**
Active Area Overall	**2.5 mm x 2.5 mm**	**7.8 mm dia.**
Element Spacing	**< 100 µm**	**< 200 µm**
Dark Current (V_R = 10V)	**5 nA**	**10 nA**
Shunt Capacitance (OV), per element	**25 pf typ**	**100 pf typ**
NEP (950 nm, 1 kHz), W/Hz$^{1/2}$	**< 10^{-14}**	**< 2 x 10^{-14}**
Rise Time	**< 50 ns**	**< 50 ns**
Crosstalk	**< 1%**	**< 1%**
Responsivity @ 950 nm, A/W	**0.6**	**0.6**

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