

Features

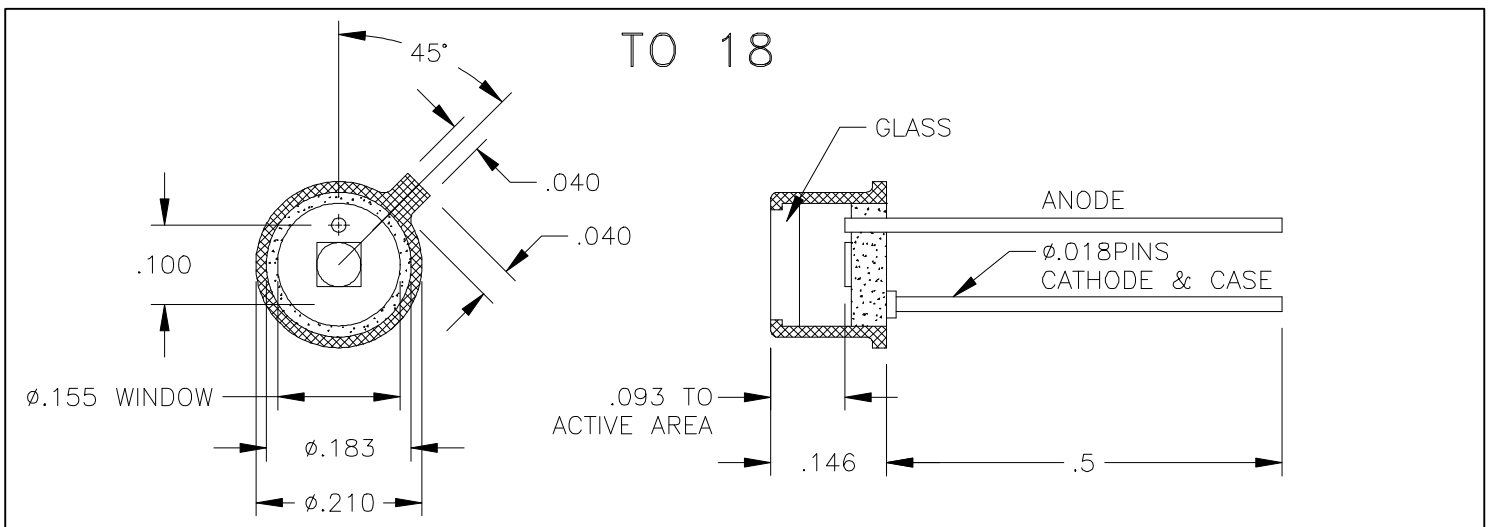
- Operating Range 400 to 1100nmv
- Fast response time
- Low dark currents
- Low capacitance
- Wide bandwidths
- Immune to EMI/RFI
- Standard packaging fits into standard fiber optic systems

**High Speed
Photo Detectors**

Applications

- Communications
- Cable TV
- Video
- Computer Networks
- Micro Processors
- Sensors and Controls
- Medical Instruments

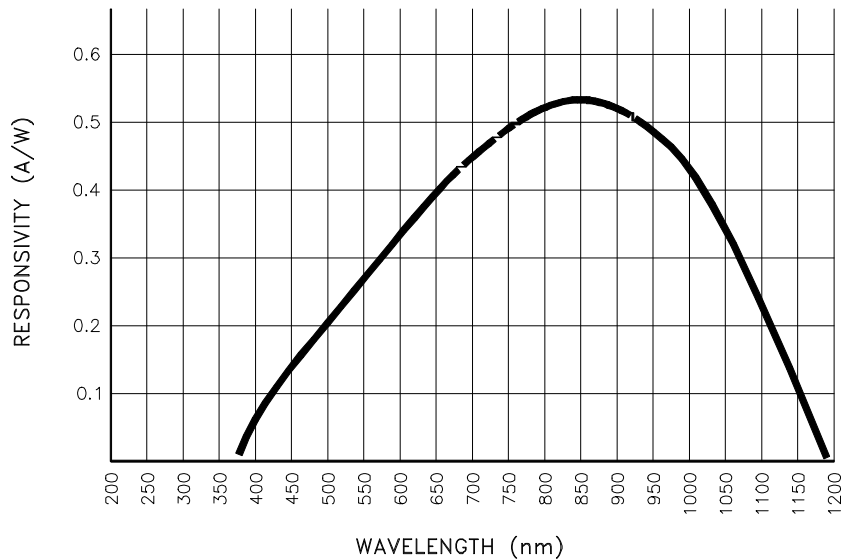
Mechanical Outline



Electrical Specifications Typical Specifications @ 23 °C ± 2°C

MODEL #	ACTIVE AREA		R 830nm A/W	RISE TIME 830nm/ 50Ω LOAD ns	C 10V/1kHz pf	DARK CURRENT -10v nA	NEP 10V/ 830NM/1kHz W/√Hz	BREAKDOWN VOLTAGE 10μA Min.
	mm ²	DIA INCHES						
1051 HS	1.0	0.044	0.35	1.00	5.50	1.00	2.2X10 ⁻¹⁴	50V

SPECTRAL RESPONSE



Notes:

In order to insure our customers the best possible products, Microsemi Corp. reserves the right to change the mechanical and electronic specifications of the products listed in this datasheet without prior notice.

The mechanical drawings are not to scale and may be enlarged to show detail.