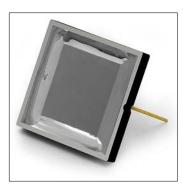


Photodiode 100 mm² with Integrated Thin Film Filter



FEATURES

- 100 mm² Square Active Area
- Responsivity @ 40 nm 0.15 A/W
- Detection Range 18 nm to 80 nm
- Shipped with Protective Cover

Electro-Optical Characteristics at 25°C

Parameters	Test Conditions	Min	Тур	Max	Units
Active Area	10 mm x 10 mm		100		mm²
Responsivity	@ 40 nm		0.15		A/W
Shunt Resistance, Rsh	@ ±10 mV	20			Ohms
Reverse Breakdown Voltage, V _R	1 _R = 1 μA	5	10		Volts
Capacitance, C	V _R = 0 V		10	44	nF

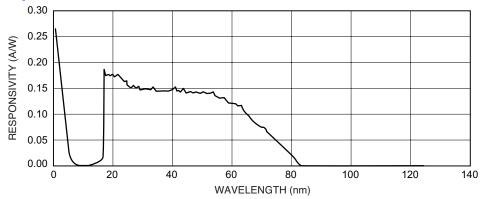
Thermal Parameters

Storage and Operating Temperature Range	Units		
Ambient	–10° to 40°C		
Nitrogen or Vacuum	–20 to 80°C		
Maximum Junction Temperature	70°C		
Lead Soldering Temperature*	260°C		

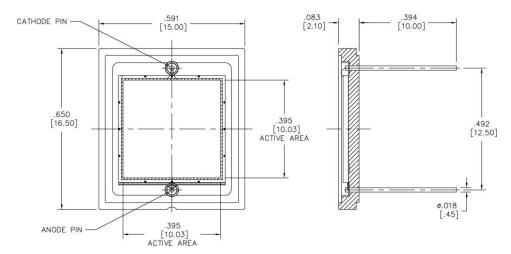
^{*0.080&}quot; from case for 10 seconds.

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Typical Responsivity at 25°C



Package Information



Dimensions are in inch [metric] units.

Specifications are subject to change without prior notice.

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