



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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Honeywell Device Specifications - Data Sheet

Honeywell Part Number: HFD3065-002

Electro-optical Characteristics

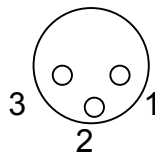
PIN Diode (All tests made at 22+/- 2 degrees C and Vr = 20 V unless otherwise stated)

Parameter	Symbol	Min.	Typ.	Max	Units	Test Conditions
Flux Responsivity	R	0.52	0.55		A/W	Wavelength = 900NM
Active Area	A		1		mm <sup>2</sup>	
Dark Current	Id		1	5	nA	
Response time 10 - 90 % 90 - 10 %	tr tr		3.5 3.5		ns	I = 820nm RL = 50W
Capacitance	C f = 100kHz			2.0 3.5	pF	VR = 0V VR = 20V

Maximim Ratings

Parameter	Symbol	Min.	Typ.	Max	Units	Test Conditions
Max. Reverse Voltage	Vrmax			50	V	
Forward Voltage	Vf			1.5	V	

Pin-out:-



1 = ANODE  
2 = CATHODE  
3 = N/C

