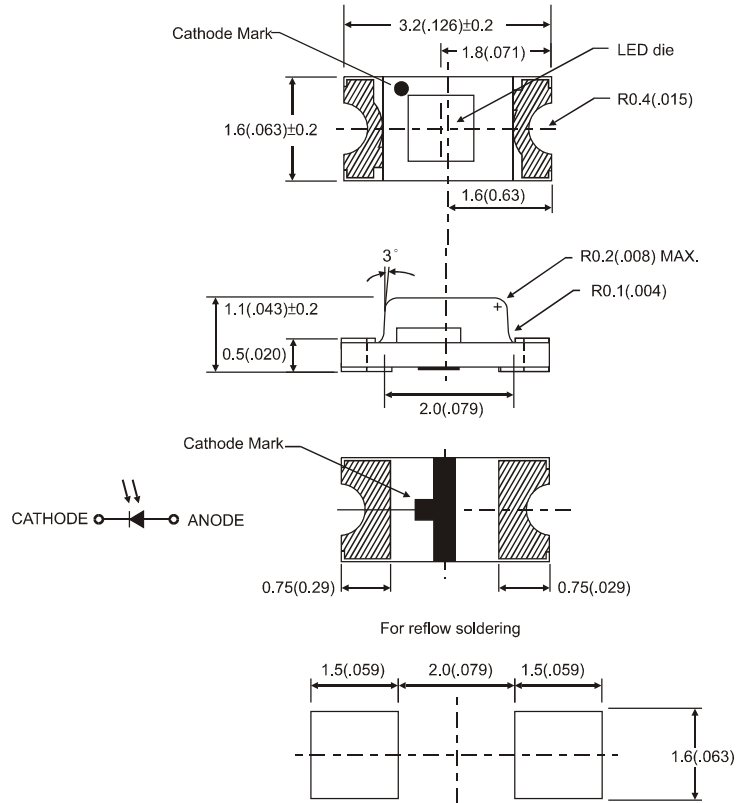




# SURFACE MOUNT PHOTO DIODES



## BPD-HQx33 Series



■ Absolute Maximum Ratings  
(Ta=25°C)

	UNIT	SPEC.
Topr	°C	-25 ~ +80
Tstg	°C	-30 ~ +85

NOTE:

1. All dimension are in millimeters(inches).
2. Tolerance is  $\pm 0.10(.004)$ " unless otherwise specified.
3. Specifications are subject to change without not notices.

Part No.	Open Circuit Voltage	Short Circuit Current	Reverse Dark Current	Reverse Light Current	Reverse Break Down Voltage	Rise/Fall Time	Peak Wave Length	Viewing Angle 2 $\theta$ 1/2 (deg)
	Voc H=5.0mw/cm <sup>2</sup> Typ. (mV)	Isc H=5.0mw/cm <sup>2</sup> Typ. (uA)	ID(R) VR=10V H=0mw/cm <sup>2</sup> Max. (nA)	IL) VR=5.0V H=5.0mw/cm <sup>2</sup> Typ. (uA)	VBR IR=100uA H=0mw/cm <sup>2</sup> Min. (V)	TR/TF VR=10V RL=1KΩ (ns)	λp (nm)	
BPD-HQA33	450	2.0	10	2.0	30	6/6	940	140°
BPD-HQB33	550	7.0	10	5.0	30	10/10	940	