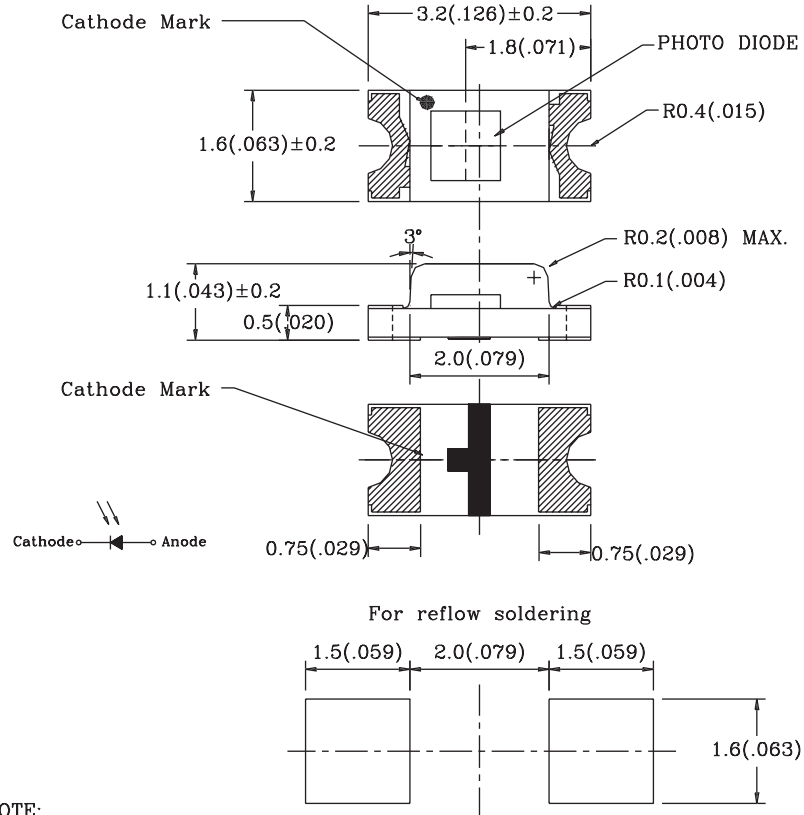




Surface Mount Photo Diodes



1206 BPD-HQx33 Series



- NOTE:
- 1.All dimensions are in millimeters(inches).
 - 2.Tolerance is $\pm 0.10(.004)$ unless otherwise specified.
 - 3.Specifications are subject to change without notice.

Absolute Maximum Ratings($T_a=25^\circ\text{C}$)

	UNIT	SPEC.
T_{opr}	$^\circ\text{C}$	-25~+80
T_{stg}	$^\circ\text{C}$	-30~+85

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 2θ 1/2 (deg)
	V_{oc} H=5.0mw/cm ² Typ. (mV)	I_{sc} H=5.0mw/cm ² Typ. (uA)	$I_{D(R)}$ $V_R=10V$ H=0mw/cm ² Max. (nA.)	I_L $V_R=5.0V$ H=5.0mw/cm ² Typ. (uA)	V_{BR} $I_R=100\mu A$ H=0mw/cm ² Min. (V)	T_R/T_F $V_R=10V$ $R_L=1K\Omega$ (ns)	λ_p (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	