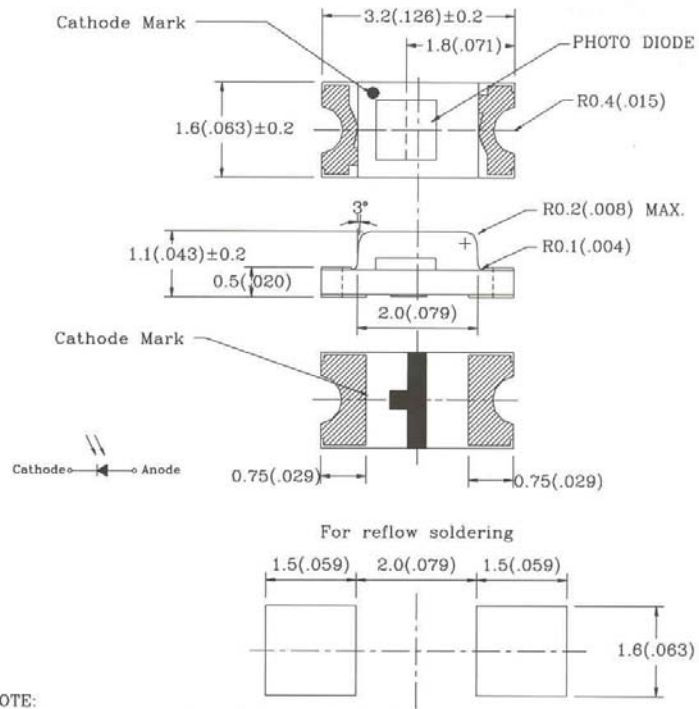


SURFACE MOUNT PHOTO DIODES



1206 BPD-HQx33 Series



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

Absolute Maximum Ratings (Ta=25°C)

	UNIT	SPEC.
Topr	°C	-25~+80
Tstg	°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 2 θ 1/2 (deg)
	V _{OC} H=5.0mw/cm ² Typ. (mV)	I _{SC} H=5.0mw/cm ² Typ. (uA)	I _{DR} 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 =100uA H=0mw/cm ² Min. (V)	T _R /T _F V _R =10V R _L =1KW (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	