



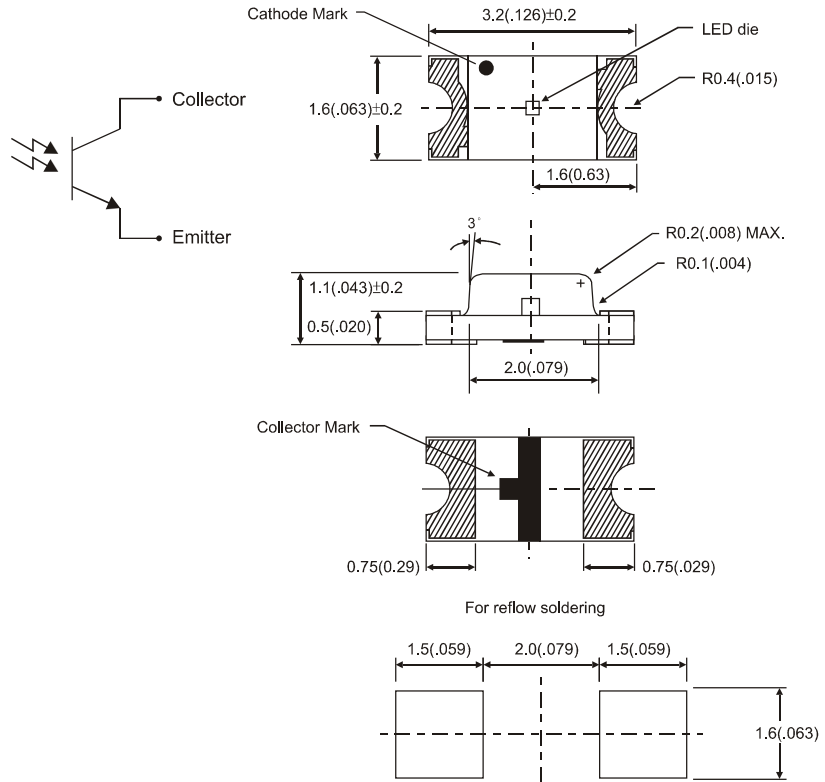
SURFACE MOUNT PHOTO TRANSISTORS



Absolute Maximum Ratings (Ta=25°C)

	UNIT	SPEC.
Collector-Emitter Saturation Voltage Vce(sat)	V	0.5 Ic=100uA
Emitter-Collector Breakdown Voltage Bveco	V	5.0 Ic=100uA
Topr	°C	-25 ~ +80
Tstg	°C	-30 ~ +85
Power Dissipation	mW	100

BPT-HPx33 Series



- 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.	Parameter						
	Spectrum Sensitivity	Peak Wavelength	Collector Light Current Vce=5V, H=1.0mw/cm ²		Collector Dark Current, Vce=20V, H ₂ =1.0mw/cm ²	Rise/Fall Time Vce=5V, Ic=1mA RL=1KΩ	Viewing Angle 2 θ 1/2 (deg)
	λ (nm)	λ _p (nm)	I _{C(ON)} (mA)		I _{CEO} (nA)	T _R /T _F (us)	Typ.
			Min.	Typ.	Max.	Typ.	
BPT-HP033	500-1000	940	0.67	1.50	100	15/15	140°
BPT-HP133	500-1000	940	2.00	3.00	100	15/15	
BPT-HP233	500-1000	940	2.00	4.00	100	15/15	
BPT-HP833	500-1000	940	2.00	5.00	100	15/15	