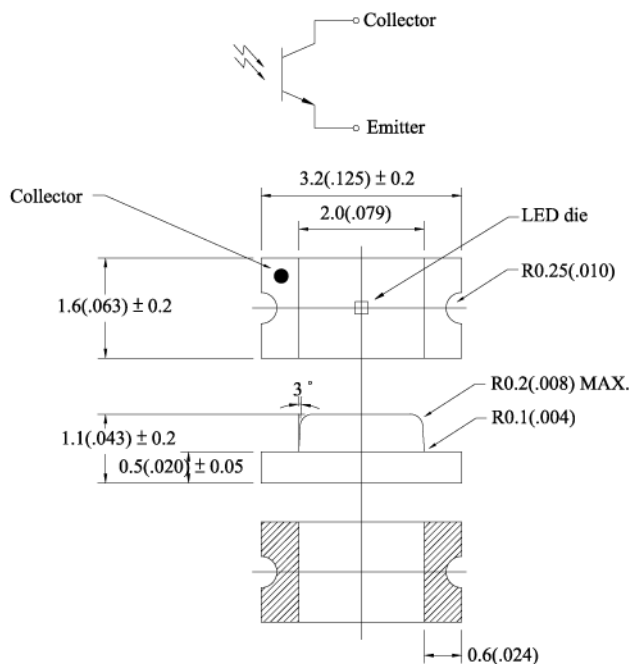
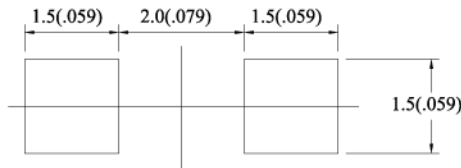


BPT-HPx33 Series



For Reflow soldering



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.
Collector-Emitter Saturation Voltage	Vce (SAT) (V)	0.5(Max.) Ic=100uA
Emitter-Collector Breakdown Voltage	Bveco (V)	5.0(Min) Ie=100uA
Top	°C	-25~+80
Tstg	°C	-30~+85
Power Dissipation	(mW)	100 (Max.)

Part No.	Parameter					
	Spectrum Sensitivity	Peak Wavelength	Collector Light Current Vce=5V,H=1.0mw/cm		Collector Dark Current Vce=20V, H=1.0mw/cm	Rise/Fall Time Vce=5V,Ic=1mA RL=1KΩ
	λ (nm)	λP (nm)	(IC(ON) (mA)		(ICEO) (nA)	TR/TF (us)
			Min.	Typ.	Max.	Typ.
BPT-HP033	500-1000	940	0.5	1.5	100	15/15
BPT-HP133	500-1000	940	0.8	2.5	100	15/15
BPT-HP233	500-1000	940	1.5	4.0	100	15/15