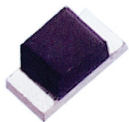
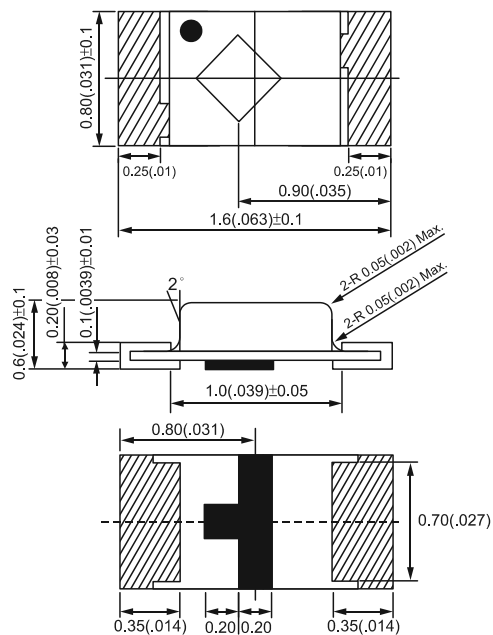


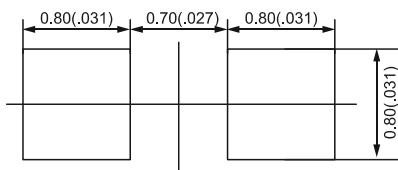
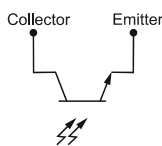
SURFACE MOUNT PHOTO TRANSISTORS



BPT-HPx36A (0603) Series



For reflow soldering



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 notices.

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

	UNIT	SPEC.
Collector-Emitter Saturation Voltage $V_{ce(sat)}$	V	$0.5I_c = 100\mu\text{A}$
Emitter-Collector Breakdown Voltage B_{veco}	V	$5I_e = 100\mu\text{A}$
T_{opr}	$^\circ\text{C}$	$-40 \sim +85$
T_{stg}	$^\circ\text{C}$	$-40 \sim +85$
Power Dissipation	mW	100

Part No.	Parameter						
	Spectrum Sensitivity	Peak Wavelength	Collector Light Current $V_{ce}=5V, H=1.0\text{mw}/\text{cm}^2$		Collector Dark Current, $V_{ce}=20V, H_2=1.0\text{mw}/\text{cm}^2$	Rise/Fall Time $V_{ce}=5V, I_c=1\text{mA}$ $R_L=1K\Omega$	Viewing Angle $2\theta_{1/2}$ (deg)
	λ (nm)	λ_p (nm)	$I_{C(on)}$ (mA)		I_{CE0} (nA)	T_R/T_F (us)	Typ.
			Min.	Typ.	Max.	Typ.	
BPT-HPG36A	500-1000	940	1.156	3.00	100	15/15	120°