
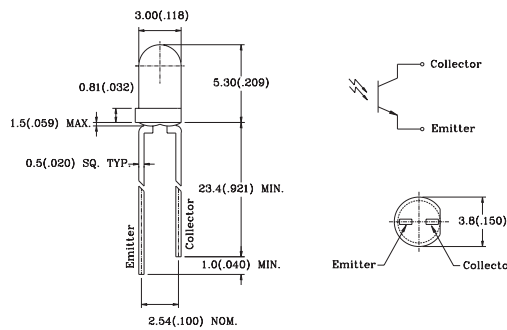

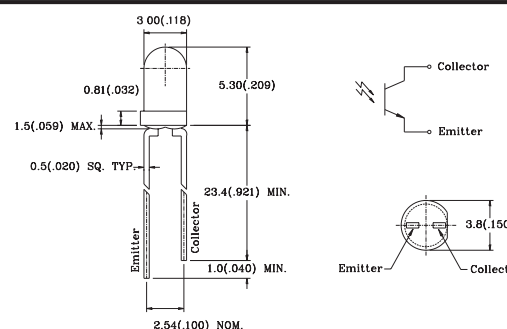



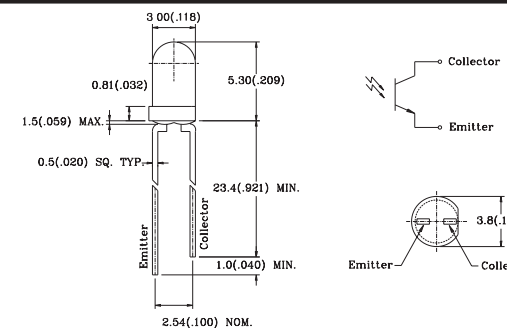


# Phototransistors End Look

Part Number	Chip		Lens Color	Electrical & Optical Characteristics				Viewing Angle $2\theta$ 1/2
	Material	Wave length $\lambda$ p(nm)		Light Current $I_{c(on)}$ (mA) @ $V_{CE}=5V$ Ee=0.5mW/cm <sup>2</sup>	Saturation Voltage $V_{CE(sat)}$ (V) @ $I_C=0.1$ mA Ee=0.5mW/cm <sup>2</sup>	Breakdown Voltage $V_{BR(CEO)}$ (V) @ $I_C=0.1$ mA Ee=0 mW/cm <sup>2</sup>	Dark Current $I_D$ (nA) @ $V_{CE}=10V$ Ee=0mW/cm <sup>2</sup>	
				Typ.	Max.	Min.	Max.	

								
BPT-BP0331	Si-Phototransistor	940(400-1100)	Water	0.35	0.50	30	100	30
BPT-BP1331	(NPN)	940(400-1100)	Clear	0.60	0.50	30	100	
BPT-BP2331		940(400-1100)		0.80	0.50	30	100	

								
BPT-BP0931	Si-Phototransistor	940(750-1100)	Black	0.35	0.50	30	100	30
BPT-BP1931	(NPN)	940(750-1100)		0.60	0.50	30	100	
BPT-BP2931		940(750-1100)		0.80	0.50	30	100	

								
BPT-BP0A31	Si-Phototransistor	940(820-1100)	Black	0.35	0.50	30	100	30
BPT-BP1A31	(NPN)	940(820-1100)		0.60	0.50	30	100	
BPT-BP2A31		940(820-1100)		0.80	0.50	30	100	