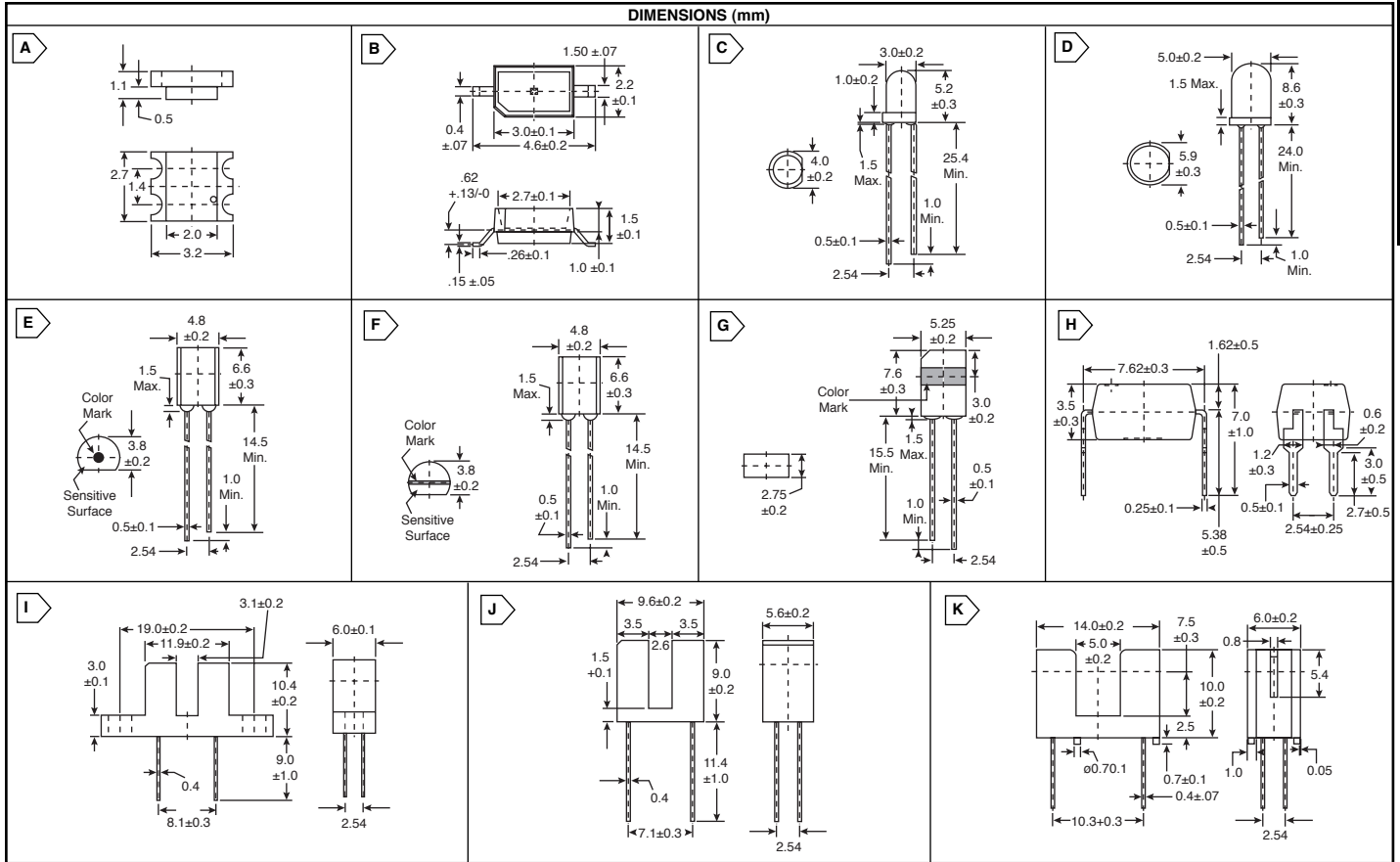


# EVERLIGHT Opto Components



## PHOTODIODES (SURFACE MOUNT)

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.	Everlight Part No.	Fig.	Package	Lens Color	Rise/Fall Time (ns)	V <sub>(BR)R</sub> Min. (V)	I <sub>L</sub>		I <sub>D</sub> Max.		Price Each			
							Ee=mW/cm <sup>2</sup>	Typ. (μA)	Ee=mW/cm <sup>2</sup>	(nA)	1	100	500	1000
<a href="#">638-PD15-22C/TR8</a>	EL-PD15-22C/TR8	A	1206 Silicon PIN Photodiode	Water Clear	10/10	32	1	6.5	0	10	.40	.32	.26	.22
<a href="#">638-PD93-21C/TR8</a>	EL-PD93-21C/TR8	B	Top Silicon PIN Photodiode	Water Clear	6/6	32	1	1.2	0	10	.60	.48	.40	.33

## PHOTODIODES (THRU-HOLE)

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.	Everlight Part No.	Fig.	Package	Lens Color	Rise/Fall Time (ns)	V <sub>(BR)R</sub> Min. (V)	I <sub>L</sub>		I <sub>D</sub> Max.		Price Each			
							Ee=mW/cm <sup>2</sup>	Typ. (μA)	Ee=mW/cm <sup>2</sup>	(nA)	1	100	500	1000
<a href="#">638-PD204-6B</a>	EL-PD204-6B	C	3mm Silicon PIN	Black	6/6	32	1	3	0	10	.37	.30	.24	.20
<a href="#">638-PD204-6C/L3</a>	EL-PD204-6C/L3	C	3mm Silicon PIN	Water Clear	10/10	32	1	5	0	10	.37	.30	.24	.20
<a href="#">638-PD333-2C/HOL2</a>	EL-PD333-2C/HOL2	D	5mm Silicon PIN	Water Clear	45/45	32	1	40	0	30	.30	.24	.20	.16
<a href="#">638-PD438B</a>	EL-PD438B	E	4.8mm Semi-Lens Silicon PIN	Black	50/50	32	1	18	0	10	.64	.51	.42	.35
<a href="#">638-PD438B/L1</a>	EL-PD438B/L1	E	4.8mm Semi-Lens Silicon PIN	Black	10/10	32	1	4	0	10	.64	.52	.43	.35
<a href="#">638-PD438B/S46</a>	EL-PD438B/S46	F	4.8mm Semi-Lens Silicon PIN	Black	50/50	32	1	18	0	30	.55	.44	.37	.30
<a href="#">638-PD638B</a>	EL-PD638B	G	2.75x5.25mm Silicon PIN	Black	50/50	32	1	15	0	30	.64	.51	.42	.35
<a href="#">638-PD638C</a>	EL-PD638C	G	2.75x5.25mm Silicon PIN	Water Clear	50/50	32	1	18	0	30	.36	.28	.23	.19

## PHOTO-COUPLEDERS



For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.	Everlight Part No.	Fig.	Package	VF (VO) @ I <sub>F</sub> =mA	I <sub>CEO</sub> Max (nA)	BV ceo Min (V)	Rise/Fall Times Max (us)	Isolation Volt (VRMS)	CTR %	Price Each			
										1	100	500	1000
<a href="#">638-816</a>	EL816	H	DIP-4	20	100	80	18/18	5.0kV	50~600	.27	.22	.18	.15
<a href="#">638-817</a>	EL817	H	DIP-4	20	100	35	18/18	5.0kV	50~600	.27	.22	.18	.15
<a href="#">638-817S</a>	EL817S	H	SMD-4	20	100	35	18/18	5.0kV	50~600	.27	.22	.18	.15

## INFRARED OPTO INTERRUPTERS

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.	Everlight Part No.	Fig.	V <sub>F</sub> (V) I <sub>F</sub> =20mA	I <sub>R</sub> (μA) V <sub>R</sub> =5V	I <sub>CEO</sub> (nA) V <sub>CE</sub> =5V	I <sub>C</sub> (ON) (mA) V <sub>CE</sub> =5V	V <sub>CE</sub> (SAT) (V) I <sub>C</sub> =2mA Ee=1mW/cm <sup>2</sup>	TR (μ sec) I <sub>C</sub> =1mA, R <sub>L</sub> =1kΩ V <sub>CE</sub> =5V	Price Each			
									1	100	500	1000
<a href="#">638-ITR-8102</a>	EL-ITR-8102	I	Max. 1.6	Max. 10	Max. 100	IF=20mA, Min 0.9	Max. 0.4	Typ.20	.57	.46	.38	.31
<a href="#">638-ITR-8105</a>	EL-ITR-8105	J	Max. 1.6	Max. 10	Max. 100	IF=10mA, Min 1	Max. 0.4	Typ.20	.58	.46	.38	.31
<a href="#">638-ITR9606</a>	EL-ITR9606	K	Max. 1.5	Max. 10	Max. 100	IF=20mA, Min 0.5	Max. 0.4	Typ.15	.56	.45	.37	.30