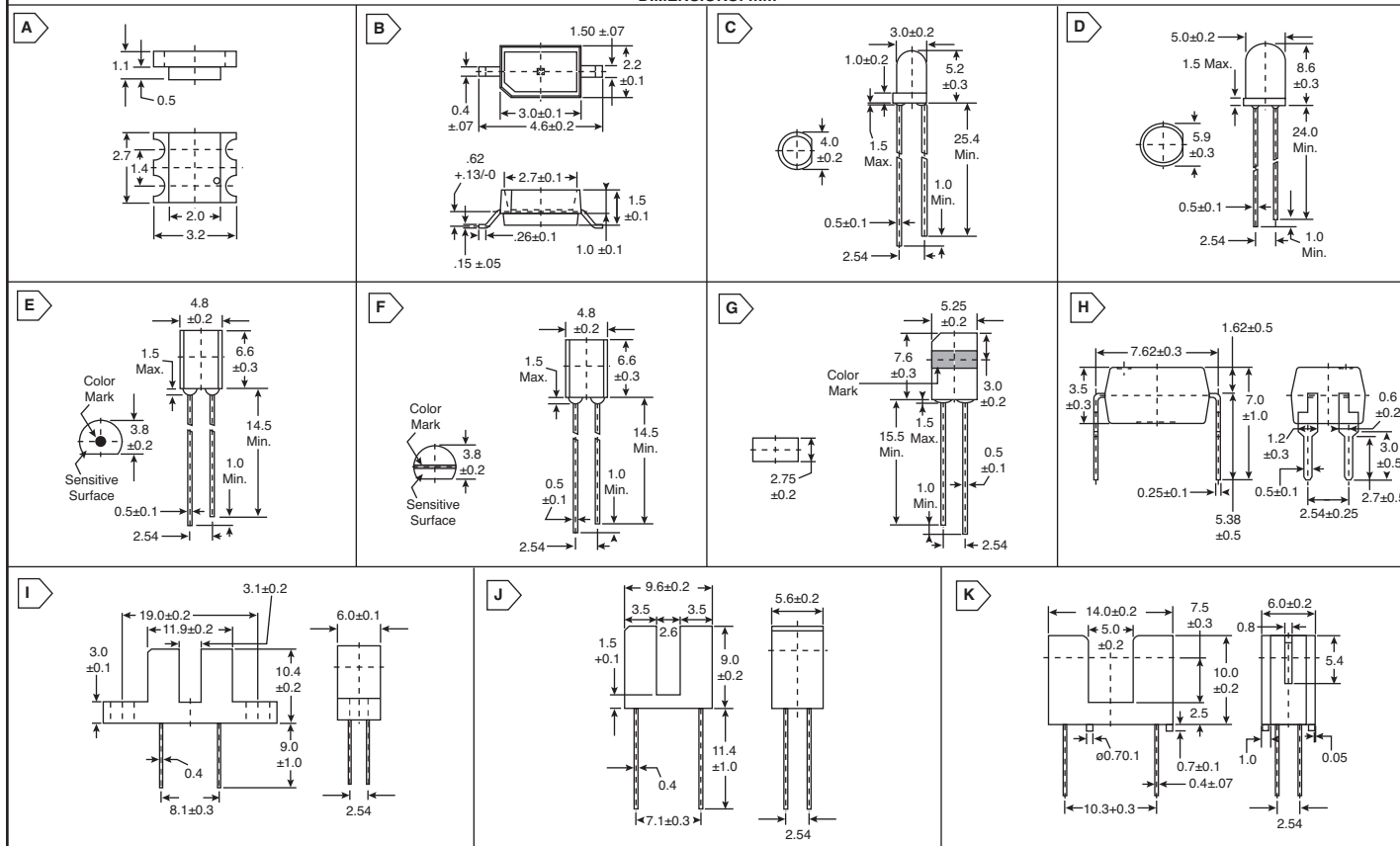


DIMENSIONS: mm



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 _{(BR)R} Min. (V)	I _L		I _D Max.		Price Each			
							Ee=mW/cm ²	Typ. (μA)	Ee=mW/cm ²	(nA)	1	100	500	1000
638-PD15-22C/TR8	EL-PD15-22C/TR8	A	1206 Silicon PIN Photodiode	Water Clear	10/10	32	1	6.5	0	10	.35	.20	.15	.135
638-PD93-21C/TR8	EL-PD93-21C/TR8	B	Top Silicon PIN Photodiode	Water Clear	6/6	32	1	1.2	0	10	.65	.46	.34	.31

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 _{(BR)R} Min. (V)	I _L		I _D Max.		Price Each			
							Ee=mW/cm ²	Typ. (μA)	Ee=mW/cm ²	(nA)	1	100	500	1000
638-PD204-6B	EL-PD204-6B	C	3mm Silicon PIN	Black	6/6	32	1	3	0	10	.18	.11	.079	.07
638-PD204-6C/L3	EL-PD204-6C/L3	C	3mm Silicon PIN	Water Clear	10/10	32	1	5	0	10	.40	.25	.19	.168
638-PD333-2C/HOL2	EL-PD333-2C/HOL2	D	5mm Silicon PIN	Water Clear	45/45	32	1	40	0	30	.64	.45	.34	.30
638-PD438B	EL-PD438B	E	4.8mm Semi-Lens Silicon PIN	Black	50/50	32	1	18	0	10	.58	.41	.31	.28
638-PD438B/L1	EL-PD438B/L1	E	4.8mm Semi-Lens Silicon PIN	Black	10/10	32	1	4	0	10	.40	.25	.19	.168
638-PD438B/S46	EL-PD438B/S46	F	4.8mm Semi-Lens Silicon PIN	Black	50/50	32	1	18	0	30	.64	.45	.34	.30
638-PD638B	EL-PD638B	G	2.75x5.25mm Silicon PIN	Black	50/50	32	1	15	0	30	.59	.42	.31	.28
638-PD638C	EL-PD638C	G	2.75x5.25mm Silicon PIN	Water Clear	50/50	32	1	18	0	30	.81	.56	.40	.35

PHOTO-COUPLEDERS



For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.	Everlight Part No.	Fig.	Package	VF (VO) @ I _F =mA	I _{CEO} Max (nA)	BV ceo Min (V)	Rise/Fall Times Max (us)	Isolation Volt (VRMS)	CTR %	Price Each			
										1	100	500	1000
638-816	EL816	H	DIP-4	20	100	80	18/18	5.0kV	50~600	.32	.18	.14	.123
638-817	EL817	H	DIP-4	20	100	35	18/18	5.0kV	50~600	.38	.22	.16	.146
638-817S	EL817S	H	SMD-4	20	100	35	18/18	5.0kV	50~600	.45	.32	.24	.21

INFRARED OPTO INTERRUPTERS

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.	Everlight Part No.	Fig.	V _F (V) I _F =20mA	I _R (μA) V _R =5V	I _{CEO} (nA) V _{CE} =5V	I _C (ON) (mA) V _{CE} =5V	V _{CE} (SAT) (V) I _C =2mA Ee=1mW/cm ²	TR (μ sec) I _C =1mA, R _L =1kΩ V _{CE} =5V	Price Each			
									1	100	500	1000
638-ITR-8102	EL-ITR-8102	I	Max. 1.6	Max. 10	Max. 100	IF=20mA, Min 0.9	Max. 0.4	Typ.20	.78	.55	.41	.37
638-ITR-8105	EL-ITR-8105	J	Max. 1.6	Max. 10	Max. 100	IF=10mA, Min 1	Max. 0.4	Typ.20	.67	.47	.35	.31
638-ITR9606	EL-ITR9606	K	Max. 1.5	Max. 10	Max. 100	IF=20mA, Min 0.5	Max. 0.4	Typ.15	.65	.46	.34	.30