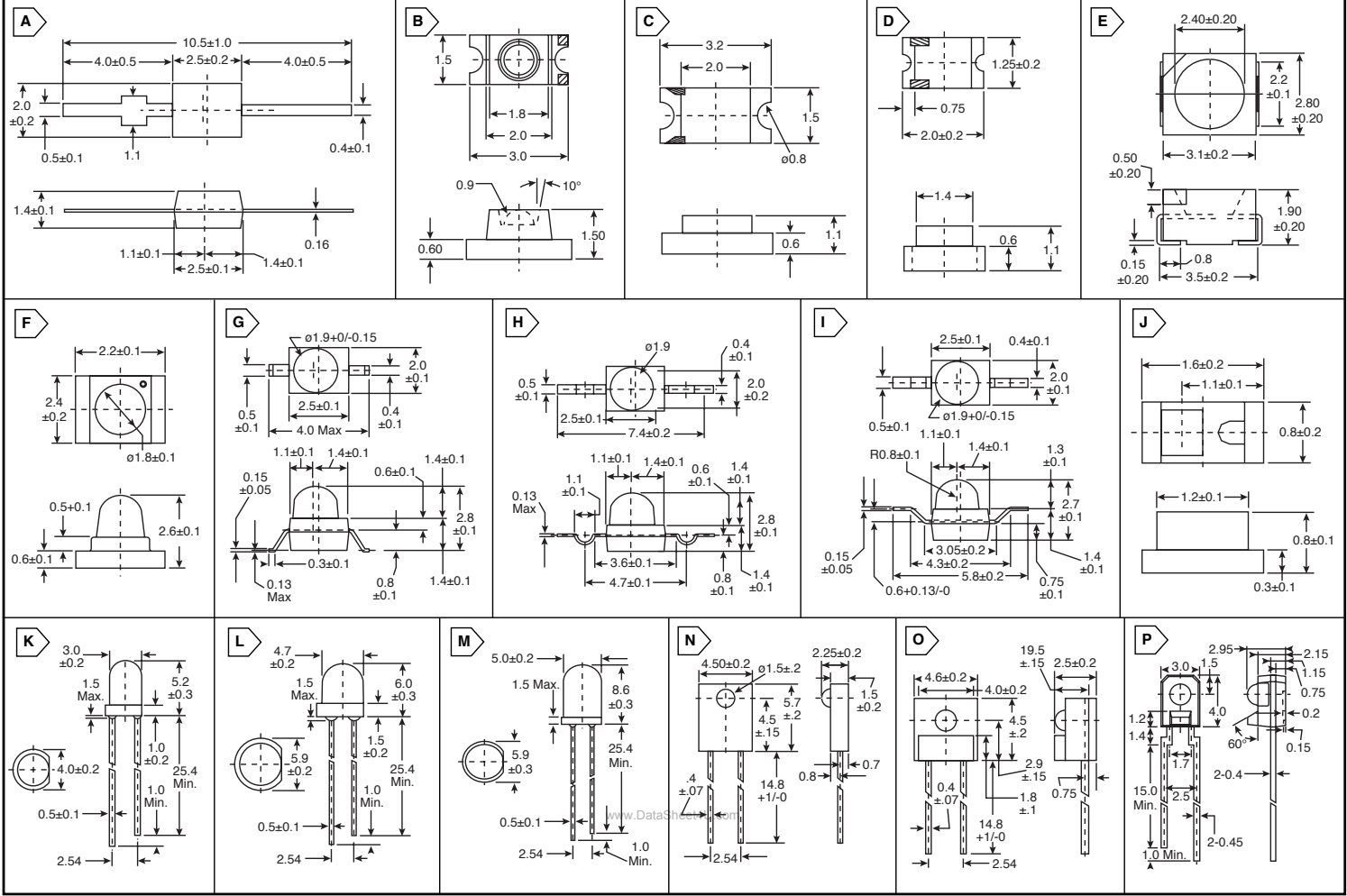


EVERLIGHT Opto Components



DIMENSIONS (mm)



CONSTANT VOLTAGE DIODES

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.	Everlight Part No.	Fig.	Package	Lens Color	Reverse Current	V _F (V)			Price Each			
						Min.	Typ.	Max.	1	100	500	1000
638-28-21/03/F5	EL-28-21/03/F5	A	1.3mm Sub, Axial Flat Top	Black Diffused	10µA	1.45	1.5	1.6	.11	.09	.07	.06
638-28-21/04/F5	EL-28-21/04/F5	A	1.3mm Sub, Axial Flat Top	Black Diffused	10µA	1.45	1.5	1.64	.09	.07	.06	.05
638-28-21/2	EL-28-21/2	A	1.3mm Sub, Axial Flat Top	Black Diffused	10µA	1.25	1.35	1.5	.19	.15	.12	.10

INFRARED EMITTING DIODES (SURFACE MOUNT)

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.	Everlight Part No.	Fig.	Package	Wavelength (nm)	Lens Color	V _F (V)		Power (mW/sr)		Beam Angle	Price Each			
						Typ.	Max.	@ I _F =mA	Min.		1	100	500	1000
638-IR11-21C	EL-IR11-21C	B	1206 Chip LED	940	Water Clear	1.2	1.5	20	0.5	100°	.28	.22	.18	.15
638-IR15-21C/L10	EL-IR15-21C/L10	C	1206 Chip LED	940	Water Clear	1.2	1.5	20	0.2	160°	.25	.20	.17	.14
638-IR17-21C	EL-IR17-21C	D	0805 Chip LED	940	Water Clear	1.2	1.5	20	0.2	120°	.28	.22	.18	.15
638-IR67-21C	EL-IR67-21C	E	Top LED	940	Water Clear	1.2	1.5	20	1.0	120°	.33	.26	.22	.18
638-IR42-21C	EL-IR42-21C	F	1.8mm Round Sub	940	Water Clear	1.2	1.5	20	1.0	30°	.39	.31	.26	.21
638-IR91-21C/F7	EL-IR91-21C/F7	G	1.9mm Round Sub	940	Water Clear	1.2	1.5	20	3.0	25°	.33	.26	.22	.18
638-IR91-21C/F9	EL-IR91-21C/F9	H	1.9mm Round Sub	940	Water Clear	1.2	1.5	20	3.0	25°	.35	.28	.23	.19
638-IR91-21C/F10	EL-IR91-21C/F10	I	1.9mm Round Sub	940	Water Clear	1.2	1.5	20	3.0	25°	.31	.25	.20	.17
638-HIR19-21C/L11	EL-HIR19-21C/L11	J	8mm Height Flat Top	850	Water Clear	1.45	1.65	20	0.2	145°	.65	.52	.43	.35

INFRARED EMITTING DIODES (THRU-HOLE)

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.	Everlight Part No.	Fig.	Package	Wavelength (nm)	Lens Color	V _F (V)		Power (mW/sr)		Beam Angle	Price Each			
						Typ.	Max.	@ I _F =mA	Min.		1	100	500	1000
638-IR204-A	EL-IR204-A	K	3mm Round	940	Blue	1.2	1.5	20	4.0	35°	.12	.10	.08	.07
638-IR204/H16/L10	EL-IR204/H16/L10	K	3mm Round	940	Blue	1.2	1.5	20	2.8	50°	.12	.10	.08	.07
638-SIR204-A	EL-SIR204-A	K	3mm Round	875	Blue	1.3	1.6	20	4.0	30°	.21	.17	.14	.11
638-HIR204	EL-HIR204	K	3mm Round	850	Yellow	1.45	1.65	20	7.8	25°	.55	.44	.36	.30
638-HIR204/H0	EL-HIR204/H0	K	3mm Round	850	Yellow	1.45	1.65	20	4.0	40°	.74	.60	.49	.40
638-IR323	EL-IR323	L	5mm Round, low profile	940	Blue	1.2	1.5	20	4.0	30°	.16	.12	.10	.08
638-IR323/H0-A	EL-IR323/H0-A	L	5mm Round, low profile	940	Blue	1.2	1.5	20	2.8	60°	.15	.12	.10	.08
638-SIR323-5	EL-SIR323-5	L	5mm Round, low profile	875	Blue	1.3	1.6	20	4.0	35°	.21	.17	.14	.12
638-IR333-A	EL-IR333-A	M	5mm Round	940	Blue	1.2	1.5	20	7.8	20°	.13	.10	.08	.07
638-SIR333-A	EL-SIR333-A	M	5mm Round	875	Blue	1.3	1.6	20	7.8	20°	.22	.17	.14	.12
638-HIR333	EL-HIR333	M	5mm Round	850	Yellow	1.45	1.65	20	7.8	17°	.55	.44	.36	.29
638-IR908-7C	EL-IR908-7C	N	1.5mm Side Looking IRED	940	Water Clear	1.2	1.6	4	0.14	60°	.16	.13	.11	.09
638-IR928-6C	EL-IR928-6C	O	1.5mm Side Looking IRED	940	Water Clear	1.2	1.6	4	0.14	40°	.20	.16	.13	.11
638-IR958-8C	EL-IR958-8C	P	1.6mm Side Looking IRED	940	Water Clear	1.2	1.6	4	0.14	22°	.21	.17	.14	.11

