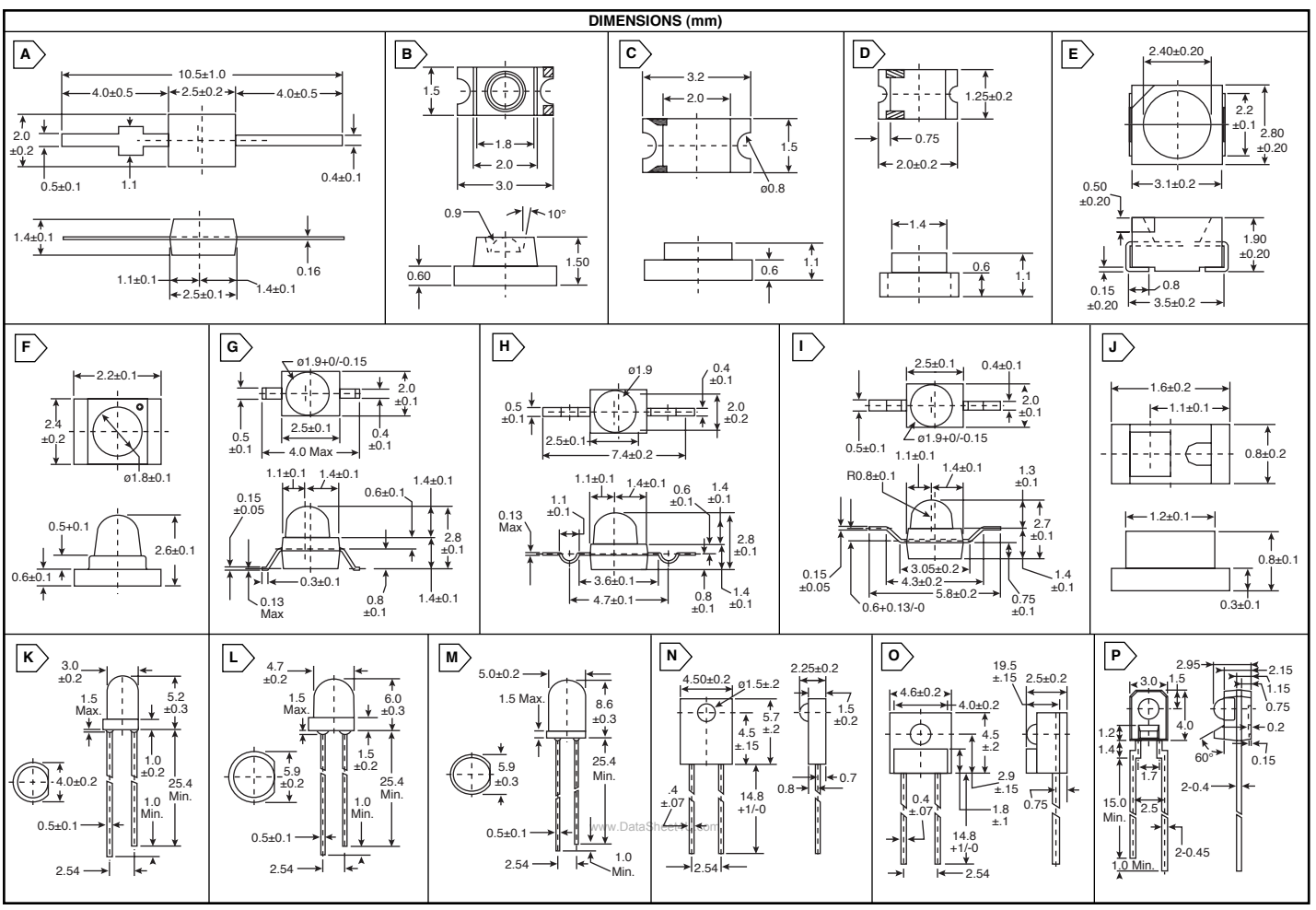


# EVERLIGHT Opto Components



## 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 <sub>F</sub> (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 <sub>F</sub> (V)		Power (mW/sr)		Beam Angle	Price Each			
						Typ.	Max.	@ I <sub>F</sub> =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 <sub>F</sub> (V)		Power (mW/sr)		Beam Angle	Price Each			
						Typ.	Max.	@ I <sub>F</sub> =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

