



LEDs (Cont.)



Dimensions in mm

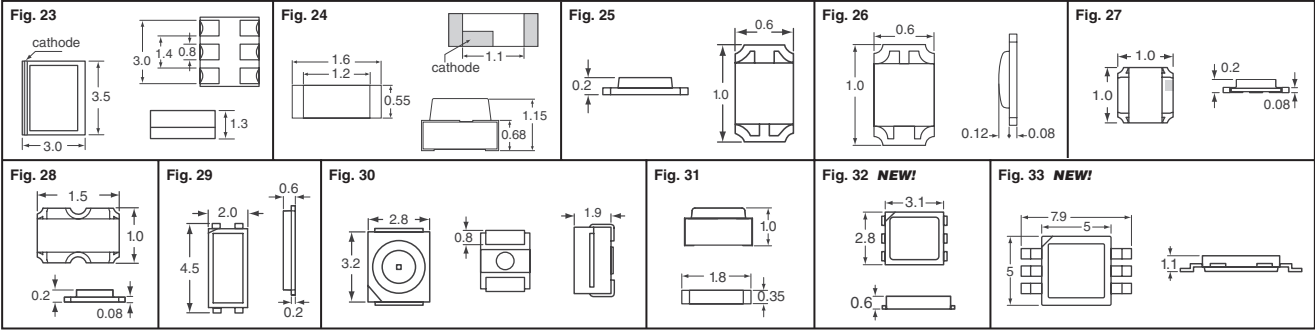


Fig.	Package Type	Emitted Color	Lens	Wavelength (nm)	Forward Voltage (Typ.) (V)	Forward Current (Typ.) (mA)	Luminous Intensity		View Angle	Digi-Key Part No.	Cut Tape Pricing			Tape and Reel†		Rohm Part No.	
							mcd	@ IF (mA)			1	25	100	Qty.	Pricing		
18A	0603	Green	Water Clear	555	2.2	20	4	20	140°	511-1300-1-ND	.43	4.34	14.63	3,000	94.26/M	SML-310PT86	
	0603	Blue	Water Clear	428	3.8	20	3.6	20	140°	511-1331-1-ND	1.44	19.83	64.83	3,000	513.95/M	SML-310BATT86	
	0603	Blue	Water Clear	468	3.5	20	14	20	140°	511-1509-1-ND	2.95	37.09	133.48	3,000	1012.19/M	SML-321BC4T86	
	0603	Green	Water Clear	523	3.5	20	90	20	140°	511-1510-1-ND	3.42	42.99	154.69	3,000	1172.66/M	SML-312EC4T86	
	0603	Yellow	Water Clear	590	1.8	10	1.6	2	140°	511-1305-1-ND	.55	6.77	20.38	3,000	147.01/M	SML-311YTT86	
	0603	Red	Water Clear	630	1.8	10	2.5	2	140°	511-1304-1-ND	.61	7.37	22.22	3,000	160.47/M	SML-311UTT86	
	0603	Orange	Water Clear	611	1.8	10	2.5	2	140°	511-1303-1-ND	.55	6.77	20.38	3,000	147.01/M	SML-311DTT86	
	0603	Green	Water Clear	525	3.8	20	200	20	140°	511-1371-1-ND	2.85	42.13	143.64	3,000	1154.80/M	SML-312ECT86	
	0603	Blue	Water Clear	468	3.5	20	63	20	140°	511-1372-1-ND	2.70	39.87	135.95	3,000	1093.06/M	SML-312BCT86	
	0603	White	Water Clear	—	—	30	200	20	140°	511-1650-1-ND	.91	11.13	37.75	3,000	280.54/M	SML-312WBCW15	
18B	0603	Green	Milky White	570	2.2	20	16	20	140°	511-1308-1-ND	.37	4.37	12.68	3,000	86.47/M	SML-510MWT86	
	0603	Red	Water Clear	630	1.9	25	40	20	140°	511-1310-1-ND	.50	6.21	18.68	3,000	134.66/M	SML-511LWT86	
	0603	Orange	White Diffused	605	2.1	20	100	20	160°	511-1577-1-ND	.37	4.01	12.39	3,000	84.17/M	SML-012DBWT86	
	0603	Orange	Water Clear	611	1.9	25	40	20	140°	511-1309-1-ND	.50	6.21	18.68	3,000	134.66/M	SML-511DWT86	
	0603	Yellow	Water Clear	590	1.9	25	40	20	140°	511-1311-1-ND	.50	6.21	18.68	3,000	134.66/M	SML-511WWT86	
	0603	Green	White Diffused	560	2.2	20	6.3	20	160°	511-1579-1-ND	.37	4.01	12.39	3,000	84.17/M	SML-012PBWT86	
	0603	Green	White Diffused	570	2.1	25	40	20	140°	511-1313-1-ND	.43	6.21	18.68	3,000	126.81/M	SML-512MWT86	
	0603	Yellow/Green	White Diffused	572	2.2	20	25	20	160°	511-1578-1-ND	.37	4.01	12.39	3,000	84.17/M	SML-012MBWT86	
	0603	Red	White Diffused	620	2.0	20	63	20	160°	511-1580-1-ND	.37	4.01	12.39	3,000	84.17/M	SML-012U8WT86	
	0603	Red	White Diffused	630	2.0	20	40	20	160°	511-1581-1-ND	.35	3.80	11.77	3,000	79.68/M	SML-012V8WT86	
18C	0603	Red	Water Clear	630	2.0	30	63	20	140°	511-1314-1-ND	.59	8.62	25.94	3,000	176.18/M	SML-512UWT86	
	0603	Orange	Water Clear	611	2	30	63	20	140°	511-1312-1-ND	.59	8.62	25.94	3,000	176.18/M	SML-512DWT86	
	0603	Yellow	White Diffused	590	2.1	20	63	20	160°	511-1582-1-ND	.37	4.01	12.39	3,000	84.17/M	SML-012J8WT86	
	0603	Yellow	Water Clear	590	2	30	63	20	140°	511-1315-1-ND	.59	7.26	21.86	3,000	158.23/M	SML-512VWT86	
	0603	Orange	White Diffused	605	2.2	20	100	20	160°	511-1583-1-ND	.40	4.44	13.75	5,000	92.02/M	SML-E1208WT86	
	0603	Yellow/Green	White Diffused	572	2.2	20	25	20	160°	511-1584-1-ND	.40	4.44	13.75	5,000	92.02/M	SML-E12M8WT86	
	0603	Green	White Diffused	560	2.2	20	6.3	20	160°	511-1585-1-ND	.42	4.54	13.95	5,000	94.27/M	SML-E12P8WT86	
	0603	Red	White Diffused	620	2.2	20	63	20	160°	511-1586-1-ND	.42	4.54	13.95	5,000	94.27/M	SML-E12J8WT86	
	0603	Red	White Diffused	630	2.2	20	40	20	160°	511-1587-1-ND	.42	4.54	13.95	5,000	94.27/M	SML-E12V8WT86	
	0603	Yellow	White Diffused	590	2.2	20	63	20	160°	511-1588-1-ND	.42	4.54	13.95	5,000	94.27/M	SML-E12Y8WT86	
19	0603	Blue	Water Clear	470	2.9	20	22	5	160°	511-1589-1-ND	.66	8.07	25.81	5,000	187.40/M	SML-E12BC7T86	
	0603	White	White Diffused	—	2.9	20	71	5	160°/140°	511-1602-1-ND	.77	9.29	30.97	5,000	224.44/M	SML-E12WBC7W1K	
	0603	Green	White Diffused	570	2.2	25	16	20	150°	511-1306-1-ND	.36	3.58	12.05	5,000	77.43/M	SML-410MWT86	
	0603	Green	Diffused	570	2.1	25	40	20	150°	511-1307-1-ND	.46	5.61	16.91	—	—	SML-412MWT86	
	20	3 x 2mm	Green	Water Clear	525	3.8	20	360	20	110°	511-1373-1-ND	2.84	41.92	142.95	2,500	1149.35/M	SML012ECT86
	21	1.3 x 1.5mm	Red/Green	Milky White	630/570	1.9/2.2	20/25	40/16	20	150°	511-1317-1-ND	1.12	13.85	45.04	4,000	320.94/M	SML-521MUWT86
		1.3 x 1.5mm	Orange	Milky White	611/570	1.9/2.2	20/25	40/16	20	150°	511-1316-1-ND	1.01	12.47	40.53	4,000	289.52/M	SML-521MDWT86
		1.3 x 1.5mm	Yellow/Green	Milky White	590/570	1.9/2.2	20/25	40/16	20	150°	511-1318-1-ND	1.12	13.85	45.04	4,000	320.94/M	SML-521MYWT86
	22	3.4 x 1.25mm Reverse Mt.	Green	Water Clear	570	2.2	25	16	20	140°	511-1319-1-ND	.59	7.26	21.86	3,000	158.23/M	SML-810MTT86
		3.4 x 1.25mm Reverse Mt.	Red	Water Clear	630	1.95	25	22.4	10	140°	511-1321-1-ND	.56	8.14	24.49	3,000	166.08/M	SML-811UTT86
3.4 x 1.25mm Reverse Mt.		Orange	Water Clear	611	1.95	25	22.4	10	140°	511-1320-1-ND	.56	8.14	24.49	3,000	166.08/M	SML-811DTT86	
3.4 x 1.25mm Reverse Mt.		Yellow	Water Clear	590	1.95	25	18	10	140°	511-1322-1-ND	.56	8.14	24.49	3,000	166.08/M	SML-811YTT86	
3.4 x 1.25mm Reverse Mt.		Blue	Water Clear	468	3.3	20	56	20	140°	511-1627-1-ND	1.95	27.30	93.61	3,000	728.29/M	SML812BCT86	
3.4 x 1.25mm Reverse Mt.		Green	Clear	570	2.1	25	40	20	140°	511-1323-1-ND	.82	10.02	32.59	3,000	242.39/M	SML-812MTT86	
23	3.5 x 3.0mm	Blue/Green/Red	Water Clear	470/530/630	3.2/3.3/2.2	20/20/30	125/500/350	20	120°	511-1608-1-ND	3.87	59.69	210.35	2,000	1774.14/M	SML032FGB1T1	
	1.6 x 1.15mm	Orange	Water Clear	611	1.9	25	63	20	130°	511-1324-1-ND	.61	7.45	22.44	—	—	SML-A12D1T86	
	1.6 x 1.15mm	Green	Water Clear	570	2.1	25	40	20	130°	511-1325-1-ND	.67	8.20	24.69	3,000	167.21/M	SML-A12MT86	
	1.6 x 1.15mm	Red	Water Clear	630	1.9	25	63	20	130°	511-1326-1-ND	.65	7.93	23.90	3,000	161.59/M	SML-A12UT86	
	1.6 x 1.15mm	Yellow	Water Clear	590	1.9	25	63	20	130°	511-1327-1-ND	.67	8.20	24.69	3,000	167.21/M	SML-A12WT86	
	1.6 x 1.15mm	White	Water Clear	—	2.9	20	56	5	140°	511-1632-1-ND	.89	11.23	36.49	3,000	271.57/M	SMLA12WBC7W1A	
	1.6 x 1.15mm	Blue	Transparent	470	3.2	20	140	20	140°	511-1614-1-ND	1.62	21.68	74.33	3,000	577.92/M	SMLA13BDT86	
	1.6 x 1.15mm	White	Water Clear	—	3.1	20	170	10	150°	511-1633-1-ND	1.02	12.70	42.91	3,000	327.67/M	SMLA13WBOW11	
	1.6 x 1.15mm	White	White Diffused	—	3.1	20	170	10	140°/160°	511-1604-1-ND	1.57	21.68	74.33	3,000	577.92/M	SMLA13WBOW13	
	24	0402	Orange	Transparent	605	1.8	20	7.3	1	140°	511-1651-1-ND	.49	5.78	18.17	10,000	121.20/M	SML-P11DTT86
0402		Green	Transparent	569	1.9	20	2.1	1	140°	511-1652-1-ND	.53	6.21	19.50	10,000	130.18/M	SML-P11MTT86	
0402		Red	Transparent	621	1.8	20	5.5	1	140°	511-1653-1-ND	.49	5.78	18.17	10,000	121.20/M	SML-P11UTT86	
0402		Red	Transparent	626	1.8	20	3.6	1	140°	511-1654-1-ND	.49	5.78	18.17	10,000	121.20/M	SML-P11VTT86	
0402		Yellow	Transparent	586	1.9	20	7.6	1	140°	511-1655-1-ND	.53	6.21	19.50	10,000	130.18/M	SML-P11YTT86	
0402		Orange	Water Clear	605	2.1	20	100	20	140°	511-1590-1-ND	.44	5.06	15.90	10,000	104.37/M	SML-P12DTT86	
25	0402	Yellow/Green	Water Clear	572	2.2	20	35	20	140°	511-1591-1-ND	.44	5.06	15.90	10,000	104.37/M	SML-P12MTT86	
	0402	Green	Water Clear	560	2.2	20	13	20	140°	511-1592-1-ND	.44	5.06	15.90	10,000	104.37/M	SML-P12PTT86	
	0402	Red	Water Clear	620	2.0	20	85	20	140°	511-1593-1-ND	.44	5.06	15.90	10,000	104.37/M	SML-P12UTT86	
	0402	Red	Water Clear	630	2.0	20	60	20	140°	511-1594-1-ND	.44	5.06	15.90	10,000	104.37/M	SML-P12VTT86	
	0402	Yellow	Water Clear	590	2.1	20	130	20	140°	511-1595-1-ND	.42	4.79	15.05	10,000	98.75/M	SML-P12YTT86	
	0402	Blue	Transparent	465	2.9	20	17	5	140°	511-1615-1-ND	1.02	12.31	41.04	10,000	287.28/M	SMLP12BCT7T86	
	0402	White	Transparent	580	2.9	20	71	5	145°	511-1616-1-ND	2.26	27.10	90.33	10,000			