

Fig.	Size	Color	Wave- Length pk (nm)	Lens	Vf (V) Typ.	If (mA) Typ.	View- ing Angle	Intensity (mcd) Typ.	Digi-Key Part No.	1	Price Each 10	100
10	5mm	Green	562	Diffused	2.2	20	75°	20.0	MV5453-ND**	.34	.27	.19
	5mm	Green	562	Diffused	2.2	20	75°	20.0	MV64531-ND	.34	.27	.19
	5mm	Yellow	585	Diffused	2.1	20	65°	15.0	MV5353-ND**	.34	.27	.19
	5mm	Red	660	Diffused	1.6	10	70°	3.0	FLV110-ND	.38	.30	.22
	5mm	AlGaAs Red	650	Diffused	2.4	20	70°	12.0	MV6951-ND	.34	.27	.19
	5mm	Yellow	585	Diffused	1.9	2.0	35°	2.0	HLMP4719-ND	.34	.27	.19
	5mm	Hi. Eff. Green	565	Diffused	1.9	2.0	35°	3.0	MV2454-ND	.34	.27	.19
	5mm	Red	660	Diffused	1.6	1.0	65°	3.0	HLMPD150A-ND	.34	.27	.19
	5mm	Hi. Eff. Red	635	Diffused	1.8	2.0	35°	2.0	HLMP4700-ND	.34	.27	.19
	5mm	Hi. Eff. Red	635	Diffused	2.2	10	65°	3.0	HLMP3300-ND	.34	.27	.19
11	5mm	Hi. Eff. Red	635	Diffused	2.2	10	65°	7.0	HLMP3301-ND	.34	.27	.19
	5mm	Red	660	White Diffused	1.65	20	90°	1.6	MV5021A-ND	.34	.27	.19
	5mm	Red	660	Diffused	1.65	20	90°	1.6	MV5023A-ND	.34	.27	.19
	5mm	Red	660	Diffused	1.65	20	60°	3.0	MV5024A-ND	.34	.27	.19
12	5mm	Red	660	Diffused	1.65	20	180°	0.4	MV5025A-ND	.34	.27	.19
	5mm	Red	660	Diffused	1.65	20	180°	0.4	MV5025A-ND	.34	.27	.19
	5mm	Red	660	Diffused	1.65	20	180°	0.4	MV5025A-ND	.34	.27	.19
	5mm	Red	660	Diffused	1.65	20	180°	0.4	MV5025A-ND	.34	.27	.19
9	5mm	AlGaAs Red/Hi. Eff. Red	660/635	Diffused	2.0/2.0	20	75°	5.0/5.0	MV5094A-ND	.50	.41	.28
9	5mm	AlGaAs Red/Green	660/562	Diffused	2.0/2.0	20	75°	5.0/5.0	MV5491A-ND	.46	.38	.26
14	5mm	Green/Hi. Eff. Red	565/635	Diffused	2.1/2.1	20	100°	6.0/6.0	MV5437-ND	.46	.38	.26
Super Bright LEDs												
10	5mm	Super Red	660	Diffused	1.7	20	40°	200.0	MV8191-ND	.46	.38	.26
	5mm	Super Red	660	Clear	1.7	20	40°	370.0	MV8141-ND	.48	.39	.29
	5mm	Super Red	660	Clear	1.7	20	20°	370.0	MV8102-ND	.47	.38	.26
	5mm	Super Red	660	Clear	1.7	20	20°	940.0	MV8103-ND	.37	.31	.21
	5mm	Super Red	660	Clear	1.7	20	20°	1500.0	MV8104-ND	.37	.31	.21
	5mm	Super Yellow	590	Clear	2.1	20	20°	2400.0	MV8305-ND	.62	.47	.36
13	5mm	Super Red	660	Clear	1.7	20	12°	940.0	MV8112-ND	.37	.31	.21
	5mm	Super Red	660	Clear	1.7	20	12°	2400.0	MV8114-ND	.37	.31	.21
	5mm	Super Yellow	590	Clear	2.1	20	12°	3500.0	MV8316-ND	.66	.50	.37
	5mm	Super Green	565	Clear	2.1	20	12°	600.0	MV8412-ND	.55	.44	.33
PC Mount LEDs												
15	3mm	Red	660	Diffused	1.6	20	60°	1.5	MV5064MP4B-ND	.48	.36	.27
	3mm	Yellow	585	Diffused	2.1	10	60°	2.0	MV5364MP4B-ND	.48	.36	.27
	3mm	Green	565	Diffused	2.2	20	60°	5.0	MV5464MP4B-ND	.48	.36	.27
16	5mm	Red	660	Diffused	1.7	20	65°	2.0	MV60538MP7-ND	.54	.41	.31
	5mm	Yellow	585	Diffused	2.1	20	65°	18.0	MV63538MP7-ND	.56	.43	.32
	5mm	Green	565	Diffused	2.2	20	65°	26.0	MV64538MP7-ND	.56	.43	.32
17	5mm	Red	660	Diffused	1.7	20	65°	3.2	MV60539MP7-ND	.54	.41	.31
	5mm	Yellow	585	Diffused	2.1	20	65°	20.0	MV63539MP7-ND	.56	.43	.32
	5mm	Green	565	Diffused	2.2	20	65°	28.0	MV64539MP7-ND	.56	.43	.32
	5mm	Hi. Eff. Red	635	Diffused	2.1	20	65°	15.0	MV67539MP7-ND	.56	.43	.32
	5mm	Red/Green	660/565	Diffused	2.3	20	100°	6.0	MV54919MP7-ND	.90	.68	.51

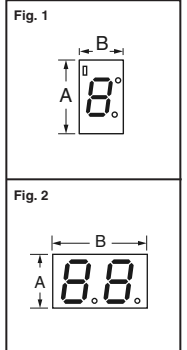
** Long lead is cathode

Surface Mount LEDs

Fig.	Size	Color	Wave- Length pk (nm)	Lens	Vf (V) Typ.	If (mA) Typ.	View- ing Angle	Intensity (mcd) Typ.	Digi-Key Part No.	Cut Tape Price Each 1 10 100	Digi-Key Part No.	Reel Size	Tape and Reel Pricing
18	1206	Hi.Eff. Red	635	Clear	2.0	20	140°	6.0	QTLP650C2CT-ND	.38 .31 .22	QTLP650C2TR-ND	2,000	105.84/M
	1206	Yellow	585	Clear	2.0	20	140°	6.0	QTLP650C3CT-ND	.38 .31 .22	QTLP650C3TR-ND	2,000	105.84/M
	1206	Green	565	Clear	2.1	20	140°	10.0	QTLP650C4CT-ND	.38 .31 .22	QTLP650C4TR-ND	2,000	105.84/M
	1206	Hi.Eff. Red	635	Diffused	2.0	20	160°	4.0	QTLP650D2CT-ND	.45 .37 .25	QTLP650D2TR-ND	2,000	124.20/M
	1206	Yellow	585	Diffused	2.0	20	160°	4.0	QTLP650D3CT-ND	.45 .37 .25	QTLP650D3TR-ND	2,000	124.20/M
	1206	Green	565	Diffused	2.1	20	160°	6.5	QTLP650D4CT-ND	.45 .37 .25	QTLP650D4TR-ND	2,000	124.20/M
19	PLCC	Hi. Eff. Red	635	Clear	2.0	20	120°	10.0	QTLP670C2CT-ND	.44 .36 .25	QTLP670C2TR-ND	2,000	123.12/M
	PLCC	Yellow	585	Clear	2.0	20	120°	10.0	QTLP670C3CT-ND	.44 .36 .25	QTLP670C3TR-ND	2,000	123.12/M
	PLCC	Green	565	Clear	2.1	20	120°	25.0	QTLP670C4CT-ND	.44 .36 .25	QTLP670C4TR-ND	2,000	123.12/M

LED 7 Segment Displays

Fig.	Color Wavelength (nm)	Digit Size In. (mm)	Dimensions Inch (mm) Ax B	VF (V)	If (mA)	Io (μcd)	Digi-Key Part No. Common Anode	Digi-Key Part No. Common Cathode	1	Price Each 10	100
1	Red (660)	.30 (7.62)	.74 x .39 (18.75 x 9.80)	1.6	20	350	MAN71A-ND	MAN74A-ND	1.62	1.30	.98
	Hi.Eff. Red (635)	.30 (7.62)	.74 x .39 (18.75 x 9.80)	2.2	20	1900	MAN3910A-ND	MAN3940A-ND	1.46	1.17	.88
	Hi.Eff. Red (635)	.30 (7.62)	.74 x .39 (18.75 x 9.80)	2.2	20	1900	—	MAN3980A-ND	1.88	1.50	1.13
	Red/Orange (630)	.40 (10.16)	.74 x .39 (18.75 x 9.80)	2.2	20	1800	MAN4610A-ND	MAN4640A-ND	2.06	1.65	1.24
	Red (660)	.40 (10.16)	.74 x .39 (18.75 x 9.80)	1.6	20	350	MAN4710A-ND	MAN4740A-ND	1.65	1.32	.99
	Hi.Eff. Red (635)	.40 (10.16)	.74 x .39 (18.75 x 9.80)	2.2	20	1900	—	MAN4940A-ND	2.04	1.63	1.23
	Green (562)	.40 (10.16)	.74 x .39 (18.75 x 9.80)	2.2	20	3200	MAN4410A-ND	MAN4440A-ND	1.88	1.50	1.13
	Hi.Eff. Green(562)	.56 (14.22)	.75 x .48 (19.05 x 12.20)	2.2	20	3300	MAN6460-ND	MAN6480-ND	1.39	1.16	.93
	Red/Orange (630)	.56 (14.22)	.75 x .48 (19.05 x 12.20)	2.2	20	2200	MAN6660-ND	MAN6680-ND	1.32	1.10	.88
	Red (650)	.56 (14.22)	.75 x .48 (19.05 x 12.20)	1.6	20	420	MAN6760-ND	MAN6780-ND	1.38	1.11	.83
2	Hi.Eff. Red (635)	.56 (14.22)	.75 x .48 (19.05 x 12.20)	2.2	20	2200	MAN6960-ND	MAN6980-ND	1.32	1.10	.88
	Red/Orange (630)	.80 (20.32)	.99 x .74 (25.02 x 18.67)	2.2	20	2200	MAN8610-ND	MAN8640-ND	1.71	1.37	1.03
	Hi.Eff. Green (562)	.56 (14.22)	.75 x .99 (19.05 x 25.02)	2.2	20	3300	MAN6410-ND	MAN6440-ND	1.98	1.59	1.19
	Red/Orange (630)	.56 (14.22)	.75 x .99 (19.05 x 25.02)	2.2	20	2200	MAN6610-ND	MAN6640-ND	1.60	1.28	.96
	Red (650)	.56 (14.22)	.75 x .99 (19.05 x 25.02)	1.6	20	420	MAN6710-ND	MAN6740-ND	2.33	1.87	1.45
	Hi.Eff. Red (635)	.56 (14.22)	.75 x .99 (19.05 x 25.02)	2.2	20	2200	MAN6910-ND	MAN6940-ND	1.57	1.26	.95

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