

# DIALIGHT Circuit Board Indicators

Dialight  
A Mouser Group Company

## Dialight SURFACE MOUNT CIRCUIT BOARD INDICATORS

RoHS Compliant This product is RoHS compliant.

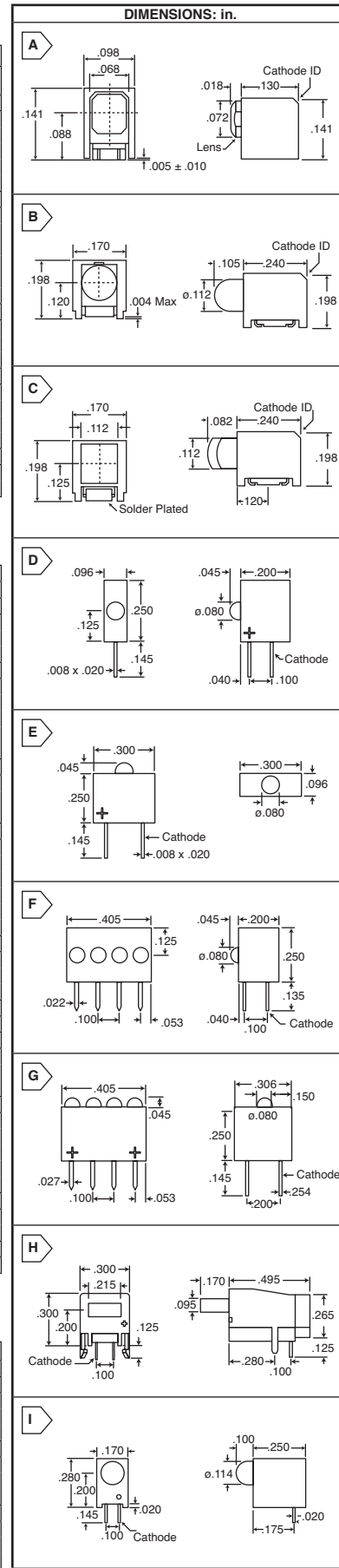
MOUSER STOCK NO.	Dialight Part No.	Fig.	Color	Vf Typ (Volts)	Lum. Intens. Typ. (mcd)	Typ. Dom. Wavelength (nm)	Viewing Angle (Deg)	Price Each			
								1	25	100	250
<b>SMD, 2mm, Right Angle LED</b>											
645-595-2101-007F	595-2101-007F	A	Red	1.7	25	640	40	1.12	.982	.865	.776
645-595-2201-007F	595-2201-007F	A	Green	2.2	8.5	566	40	1.44	1.31	1.05	.92
645-595-2301-007F	595-2301-007F	A	Green	2.1	11	567	40	1.32	.982	.865	.776
645-595-2401-007F	595-2401-007F	A	Yellow	2.2	9	588	40	1.32	.982	.865	.776
645-595-2701-007F	595-2701-007F	A	Yellow	2.0	41	592	40	1.44	1.31	1.05	.92
<b>SMD, Single 3mm, Right Angle, Round Lens</b>											
645-591-2001-013F	591-2001-013F	B	Red	2.0	5	628	40	1.83	1.45	1.36	1.21
645-591-2101-013F	591-2101-013F	B	Red	1.75	14	645	40	1.35	1.23	.98	.86
645-591-2201-013F	591-2201-013F	B	Green	2.1	9.1	570	40	1.71	1.28	1.12	1.09
645-591-2301-013F	591-2301-013F	B	Green	2.0	4	570	40	1.07	.938	.826	.741
645-591-2401-013F	591-2401-013F	B	Yellow	2.0	5	590	40	1.26	.938	.826	.741
645-591-2601-013F	591-2601-013F	B	Blue	3.5	6	465	40	3.27	2.44	2.05	1.77
<b>SMD, Single 3mm, Bi-Color, Right Angle, Round Lens</b>											
645-591-3001-013F	591-3001-013F	B	Red/Green	2.0/2.0	6.5/8	628/570	40	2.34	1.75	1.54	1.38
645-591-3101-013F	591-3101-013F	B	Yel/Green	2.0/2.0	6.5/8	586/570	40	2.40	2.18	1.75	1.53
645-591-3201-013F	591-3201-013F	B	Red/Yellow	2.0/2.0	6.5/6.5	628/586	40	1.96	1.79	1.43	1.25
<b>SMD, Single 3mm, Right Angle, Square Lens</b>											
645-591-2001-113F	591-2001-113F	C	Red	2.0	5	628	40	1.29	1.17	.94	.82
645-591-2101-113F	591-2101-113F	C	Red	1.8	23.9	645	40	1.64	1.44	1.23	1.09
645-591-2301-113F	591-2301-113F	C	Green	2.0	4	570	40	1.29	1.17	.94	.82
645-591-2401-113F	591-2401-113F	C	Yellow	2	5	587	40	1.29	1.17	0.94	0.82
<b>SMD, Single 3mm, Bi-Color, Right Angle, Square Lens</b>											
645-591-3001-113F	591-3001-113F	C	Red/Green	2.0/2.0	6.5/8	645/570	40	2.34	1.75	1.54	1.38
645-591-3101-113F	591-3101-113F	C	Yel/Green	2.0/2.0	6.5/8	590/570	40	2.40	2.18	1.75	1.53

## Dialight 2MM LED INDICATORS

MOUSER STOCK NO.	Dialight Part No.	Fig.	Color	VF	Lum. Intens. Typ.	Peak W.length (nm)	Viewing Angle (Deg)	Price Each			
								1	25	100	250
<b>Thru-Hole, 2mm, Single, Right Angle</b>											
645-555-2001F	555-2001F	D	Red	1.6	1.2	650	40	1.29	1.08	.869	.705
645-555-2301F	555-2301F	D	Green	2.4	1.0	565	40	1.16	.972	.782	.634
645-555-2401F	555-2401F	D	Yellow	2.2	2.0	583	40	1.31	1.10	.882	.715
<b>Thru-Hole, 2mm, Single, Right Angle with Integral Resistor</b>											
645-555-2003F	555-2003F	D	Red	6.0	1.9	650	40	1.33	1.12	.897	.727
645-555-2007F	555-2007F	D	Red	3.0	0.9	650	40	1.36	1.14	.915	.742
645-555-2008F	555-2008F	D	Red	24	0.9	650	40	1.78	1.16	1.01	.914
645-555-2303F	555-2303F	D	Green	4.7	2.5	565	40	1.31	1.10	.882	.715
645-555-2403F	555-2403F	D	Yellow	4.7	2.1	583	40	1.33	1.12	.897	.727
<b>Thru-Hole, 2mm, Single, Top View</b>											
645-555-3001F	555-3001F	E	Red	1.6	1.2	650	40	1.35	1.13	.906	.735
645-555-3301F	555-3301F	E	Green	2.4	1.0	565	40	1.81	1.45	1.15	.955
645-555-3401F	555-3401F	E	Yellow	2.2	2.0	583	40	1.81	1.32	1.15	.955
<b>Thru-Hole, 2mm, Single, Top View with Integral Resistor</b>											
645-555-3003F	555-3003F	E	Red	6	1.9	650	40	1.38	1.11	.88	.729
645-555-3007F	555-3007F	E	Red	3.0	0.9	650	40	1.66	1.33	1.05	.877
645-555-3008F	555-3008F	E	Red	24	0.9	650	40	1.66	1.33	1.05	.877
645-555-3009F	555-3009F	E	Red	5	0.6	650	40	1.45	1.28	1.11	0.925
645-555-3303F	555-3303F	E	Green	6	2.5	565	40	1.96	1.57	1.24	1.03
645-555-3403F	555-3403F	E	Yellow	6	2.1	583	40	1.96	1.57	1.24	1.03
<b>Thru-Hole, 2mm, Quad, Right Angle</b>											
645-555-4001F	555-4001F	F	Red	1.6	1.2	650	40	4.01	3.12	2.52	2.11
645-555-4301F	555-4301F	F	Green	2.4	1.0	565	40	4.63	3.60	2.91	2.44
645-555-4401F	555-4401F	F	Yellow	2.2	2.0	583	40	4.08	3.18	2.57	2.15
<b>Thru-Hole, 2mm, Quad, Top View</b>											
645-555-5001F	555-5001F	G	Red	1.6	1.2	650	40	5.63	4.55	3.68	3.08
<b>Thru-Hole, 2mm, Quad, Top View with Integral Resistor</b>											
645-555-5007F	555-5007F	G	Red	5	0.9	650	40	6.97	5.67	4.56	3.7
645-555-5303F	555-5303F	G	Green	5	2.5	565	40	6.78	4.86	4.09	3.83
645-555-5403F	555-5403F	G	Yellow	5	2.1	583	40	7.56	6.54	5.82	5.09
<b>Thru-Hole, 2mm, Quad, Right Angle with Integral Resistor</b>											
645-555-4003F	555-4003F	F	Red	6.0	1.9	650	40	4.51	3.51	2.84	2.38
645-555-4007F	555-4007F	F	Red	3.0	0.9	650	40	4.51	3.51	2.84	2.38
645-555-4303F	555-4303F	F	Green	4.7	2.5	565	40	4.63	3.60	2.91	2.44
645-555-4403F	555-4403F	F	Yellow	4.7	2.1	583	40	4.63	3.60	2.91	2.44
645-555-5003F	555-5003F	F	Red	6	1.9	650	40	6.40	5.17	4.18	3.50
<b>Thru-Hole, 2mm x 5mm, Rectangular, Right Angle</b>											
645-566-0207F	566-0207F	H	Green	2.2	4.0	565	110	1.20	1.01	.808	.655
645-566-0307F	566-0307F	H	Yellow	2.1	3.5	583	110	1.20	1.01	.808	.655
<b>Thru-Hole, 2mm x 5mm Rectangular, Right Angle, Bi-color</b>											
645-566-3507F	566-3507F	H	R/G	1.9/2.1	2.1/2.6	635/565	100	2.40	1.92	1.52	1.26

## Dialight 3MM LED INDICATORS

MOUSER STOCK NO.	Dialight Part No.	Fig.	Color	VF	mA	mcd	Price Each			
							1	25	100	250
<b>Single, High LED Centerline, High Efficiency</b>										
645-551-0207F	551-0207F	I	Green	2.1	10	16.0	.73	.594	.478	.387
645-551-0307F	551-0307F	I	Yellow	2.1	10	6.3	.73	.594	.478	.387
645-551-0407F	551-0407F	I	Red	2	10	10.0	.73	.594	.478	.387
<b>Single, High LED Centerline, Integral Resistor 5V</b>										
645-551-0507F	551-0507F	I	Red	5	10	4.0	1.08	.849	.696	.582
645-551-0707F	551-0707F	I	Yellow	5	10	8	1.10	.904	.727	.589
645-551-0607F	551-0607F	I	Green	5	12	8.0	1.10	.904	.727	.589
<b>Single, High LED Centerline, Low Current</b>										
645-551-1107F	551-1107F	I	Red	1.8	2	1.8	.94	.773	.622	.504
645-551-1207F	551-1207F	I	Yellow	1.9	2	1.6	.94	.772	.621	.504
645-551-1307F	551-1307F	I	Green	1.8	2	1.6	.94	.772	.621	.504



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