

Surface Mount Light Emitting Diodes (LEDs)

Surface Mount – 'Flip Chip'

Top, Right Angle and Reverse Mounting



Dimensions (mm)
C170 - W=2.0, D=1.25, H=1.1
C155 - W=3.2, D=2.7, H=1.1
C660, S660 - W=3.0, D=1.0, H=2.0
C110 - W=3.2, D=1.0, H=1.5
C265 - W=3.4, D=1.25, H=1.1
S690 - W=1.6, D=0.8, H=0.7
S670 - W=2.0, D=1.25, H=1.1

Supplied on 8mm tape.
 Peak Inverse Voltage (PIV)=5

Colour	View Angle	Typ Lum Intensity @ 20mA (mcd)	I _f (mA) (max)	Peak Wavelength	Mftrs. List No.	Order Code
Tinted, Diffused Lens - Top Mount						
HE Red	170°	10	20	630nm	HSMS-C170	579-0839
HE Red	170°	17	25	660nm	HSMH-C170	579-0840
Green	170°	15	20	570nm	HSMG-C170	579-0852
Orange	170°	8	20	605nm	HSMC-C170	579-0864
Yellow	170°	8	20	589nm	HSMY-C170	579-0876
Untinted, Non-diffused Lens - Right Angle Mount						
Amber	130°	95	25	595nm	HSMA-C110.	855-4455
Red	130°	95	25	637nm	HSMC-C110.	855-4498
Orange	130°	8.0	25	605nm	HSMC-C110.	855-4536
Red	130°	10.0	30	630nm	HSMH-C110.	855-4625
Orange	130°	95	25	609nm	HSMH-C110.	855-4668
Green	130°	150	20	520nm	HSMQ-C110.	855-4692
Blue	130°	60	20	469nm	HSMR-C110.	855-4722
Untinted, Diffused Lens - Right Angle Mount						
Red	155°	16	25	650nm	HSMH-C660	947-994
HE Red	130°	11	25	630nm	HSMS-C110	322-9567
Red	155°	50	30	630nm	HSMC-S660	322-9555
Amber	155°	65	30	592nm	HSMA-S660	322-9543
Orange	155°	65	30	609nm	HSMC-S660	322-9592
Yellow	130°	9	25	589nm	HSMY-C110	322-9579
Green	155°	9	30	566nm	HSMG-C660	948-093
Green	130°	16	25	570nm	HSMG-C110	322-9580
Untinted, Diffused Lens - Reverse Mount						
HE Red	170°	17	25	660nm	HSMH-C265	579-0890
Green	170°	15	25	570nm	HSMG-C265	579-0906
Untinted, Diffused Lens - Top Mount						
Red	165°	50	30	630nm	HSMC-S670	322-5150
Red	165°	50	30	630nm	HSMC-S690	322-9531
Red	170°	90	25	637nm	HSMC-C170.	855-4501
Red	170°	90	25	637nm	HSMC-C190.	855-4510
Red	170°	90	25	637nm	HSMC-C191.	855-4528
Amber	165°	65	30	592nm	HSMA-S670	322-5136
Amber	165°	65	30	592nm	HSMA-S690	322-5148
Amber	170°	90	25	595nm	HSMA-C170.	855-4463
Amber	170°	90	25	595nm	HSMA-C190.	855-4471
Amber	170°	90	25	595nm	HSMA-C191.	855-4480
Orange	165°	65	30	609nm	HSMC-S670	322-9518
Orange	165°	65	30	609nm	HSMC-S690	322-9520
Orange	170°	8.0	25	605nm	HSMC-C150.	855-4544
Orange	170°	8.0	20	605nm	HSMC-C190.	855-4552
Green	170°	15	25	570nm	HSMG-C150.	855-4595
Green	170°	15	20	570nm	HSMG-C190.	855-4609
Green	170°	15	20	570nm	HSMG-C191.	855-4617
Red	170°	10.0	30	630nm	HSMH-C150.	855-4633
Red	170°	10.0	25	630nm	HSMH-C190.	855-4641
Red	170°	10.0	25	630nm	HSMH-C191.	855-4650
Orange	170°	90	25	609nm	HSMC-C170.	855-4676
Orange	170°	90	25	609nm	HSMC-C191.	855-4684
Green	140°	145	20	520nm	HSMQ-C150.	855-4706
Green	140°	145	20	520nm	HSMQ-C170.	855-4714
Blue	140°	55	20	469nm	HSMR-C150.	855-4730
Blue	140°	55	20	469nm	HSMR-C170.	855-4749
Red	170°	10.0	25	630nm	HSMS-C150.	855-4757
Red	170°	10.0	20	630nm	HSMS-C190.	855-4765
Yellow	170°	8	25	570nm	HSMY-C150.	855-4773
Yellow	170°	8	20	570nm	HSMY-C190.	855-4781
Yellow	170°	8	20	570nm	HSMY-C191.	855-4790

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Colour	Order Code	5+	10+	100+	500+	+
Right Angle Mount						
Red	SMD 947-994	15.00	14.00	13.00	10.00	--
HE Red	SMD 322-9567	20.00	12.00	8.00	6.00	--
Red	SMD 322-9555	51.00	30.00	22.00	18.00	--
Red	SMD 855-4625	10.00	8.00	7.00	6.00	--
Red	SMD 855-4498	22.00	19.00	15.00	13.00	--
Amber	SMD 322-9543	51.00	30.00	22.00	17.00	--
Amber	SMD 855-4455	22.00	19.00	15.00	13.00	--
Orange	SMD 322-9592	51.00	30.00	22.00	17.00	--
Orange	SMD 855-4536	10.00	8.00	7.00	6.00	--
Orange	SMD 855-4668	22.00	19.00	15.00	13.00	--
Yellow	SMD 322-9579	20.00	11.00	7.00	6.00	--
Green	SMD 948-093	29.00	17.00	12.00	9.00	--
Green	SMD 322-9580	20.00	12.00	8.00	6.00	--
Green	SMD 855-4692	120.00	100.00	82.00	72.00	--
Blue	SMD 322-5124	48.00	36.00	30.00	26.00	--
Blue	SMD 855-4722	120.00	100.00	82.00	72.00	--

Colour	Order Code	5+	10+	100+	500+	+
Top Mount						
HE Red	SMD 579-0839	10.00	8.00	7.00	6.00	--
HE Red	SMD 579-0840	10.00	8.00	7.00	6.00	--
HE Red	SMD 855-4757	7.00	6.00	5.00	4.00	--
HE Red	SMD 855-4765	6.00	5.00	4.00	4.00	--
Green	SMD 579-0852	10.00	8.00	7.00	6.00	--
Orange	SMD 579-0864	10.00	8.00	7.00	6.00	--
Yellow	SMD 579-0876	10.00	8.00	7.00	6.00	--
Yellow	SMD 855-4773	7.00	6.00	5.00	4.00	--
Yellow	SMD 855-4781	6.00	5.00	4.00	4.00	--
Yellow	SMD 855-4790	8.00	6.00	5.00	5.00	--
Green	SMD 855-4595	7.00	6.00	5.00	4.00	--
Green	SMD 855-4609	6.00	5.00	4.00	4.00	--
Green	SMD 855-4617	8.00	6.00	5.00	5.00	--
Green	SMD 855-4706	111.00	92.00	76.00	66.00	--
Green	SMD 855-4714	120.00	100.00	82.00	72.00	--
Blue	SMD 322-5100	48.00	36.00	30.00	26.00	--
Blue	SMD 322-5112	48.00	36.00	30.00	26.00	--
Blue	SMD 855-4730	111.00	92.00	76.00	66.00	--
Blue	SMD 855-4749	120.00	100.00	82.00	72.00	--
Red	SMD 322-5150	44.00	26.00	19.00	14.00	--
Red	SMD 322-9531	48.00	29.00	20.00	16.00	--
Red	SMD 855-4501	15.00	12.00	10.00	9.00	--
Red	SMD 855-4510	17.00	14.00	12.00	10.00	--
Red	SMD 855-4528	15.00	12.00	10.00	9.00	--
Red	SMD 855-4633	7.00	6.00	5.00	4.00	--
Red	SMD 855-4641	6.00	5.00	4.00	4.00	--
Red	SMD 855-4650	8.00	6.00	5.00	5.00	--
Amber	SMD 322-5136	48.00	29.00	20.00	16.00	--
Amber	SMD 322-5148	48.00	29.00	20.00	16.00	--
Amber	SMD 855-4463	17.00	14.00	12.00	10.00	--
Amber	SMD 855-4471	17.00	14.00	12.00	10.00	--
Amber	SMD 855-4480	15.00	12.00	10.00	9.00	--
Orange	SMD 322-9518	49.00	29.00	20.00	16.00	--
Orange	SMD 322-9520	49.00	29.00	20.00	16.00	--
Orange	SMD 855-4544	7.00	6.00	5.00	4.00	--
Orange	SMD 855-4552	6.00	5.00	4.00	4.00	--
Orange	SMD 855-4676	17.00	14.00	12.00	10.00	--
Orange	SMD 855-4684	15.00	12.00	10.00	9.00	--
Reverse Mount						
HE Red	SMD 579-0890	12.00	11.00	11.00	9.00	--
Green	SMD 579-0906	12.00	11.00	11.00	9.00	--

Surface Mount - Chip LEDs
Case Style 0805



L = 2.0, W = 1.25, D = 0.8

Colour	View Angle	Lum. Intensity (mcd) typ. @ 20mA	I _f (mA) (max)	Mftrs. List No.	Order Code
Untinted Clear Lens					
Red	160°	55	25	LSR976-Z	121-2729
Orange	160°	55	25	LOR976-Z	121-2731
Yellow	160°	55	25	LYR976-Z	121-2732

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Colour	Order Code	5+	25+	100+	250+	+
Red	SMD 121-2729	22.00	20.00	17.00	10.00	--
Orange	SMD 121-2731	14.00	12.00	11.00	10.00	--
Yellow	SMD 121-2732	14.00	12.00	11.00	10.00	--

Surface Mount -TLxx1102 Series



L = 3.2, W = 2.8, H = 3.4

Colour	View Angle	Typ Lum Intensity (mcd) @ 20mA	Peak Wave length	Forward Voltage Typ.	PIV	Mftrs. List No.	Order Code
Untinted Diffused Lens							
Red	60°	85	200	636nm	2	4	TLSU1102 324-6309
Orange	60°	85	200	612nm	2	4	TLOU1102 324-6310
Yellow	60°	47.6	130	590nm	2.1	4	TLYU1102 324-6322
Green	60°	47.6	130	574nm	2.3	4	TLGU1102 324-6334
Pure green	60°	8.5	30	562nm	2.3	4	TLPGU1102 324-6346

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Prices are in Thai Baht and exclude 7% VAT. Due to the volatile nature of certain products, prices are subject to change without notice.