CHIP - standard

A range of surface mount, chip LEDs with a white diffused lens, available in three industry standard sizes. Suitable for many applications including LCD/keypad backlighting, dot matrix displays and panel illumination. Supplied taped and reeled.

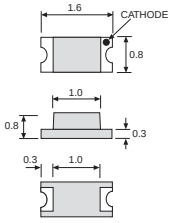
0603 Chip



Viewing angle 170°

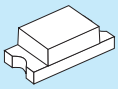
Emitted Colour	Lens Colour	Peak Wavelength nm	Typ. Luminous Intensity (I_F = 20mA) mcd	Manf. Part No. & Anglia Order Code
NORMAL BRIGHTNESS				
Red	white-diffused	660	17	TOL1608MR
Orange	white-diffused	610	6	TOL1608MO
Yellow	white-diffused	585	7	TOL1608MY
Green	white-diffused	568	10	TOL1608MG
HIGH BRIGHTNESS				
Red	white-diffused	632	45	TOL1608MRB
Orange	white-diffused	611	45	TOL1608MOB
Yellow	white-diffused	593	45	TOL1608MYB
Green	white-diffused	570	30	TOL1608MGB

Dimensions (mm)



NOTE! – Polarity is reversed for TOL1608MR

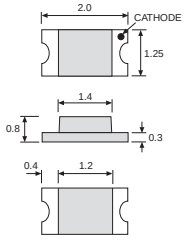
0805 Chip



Viewing angle 170°

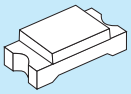
Emitted Colour	Lens Colour	Peak Wavelength nm	Typ. Luminous Intensity (I_F = 20mA) mcd	Manf. Part No. & Anglia Order Code
NORMAL BRIGHTNESS				
Red	white-diffused	660	17	TOL2012MR
Orange	white-diffused	610	6	TOL2012MO
Yellow	white-diffused	585	7	TOL2012MY
Green	white-diffused	568	10	TOL2012MG
HIGH BRIGHTNESS				
Red	white-diffused	632	45	TOL2012MRB
Orange	white-diffused	611	45	TOL2012MOB
Yellow	white-diffused	593	45	TOL2012MYB
Green	white-diffused	570	30	TOL2012MGB

Dimensions (mm)



NOTE! – Polarity is reversed for TOL2012MR

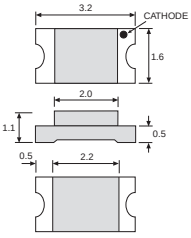
1206 Chip



Viewing angle 170°

Emitted Colour	Lens Colour	Peak Wavelength nm	Typ. Luminous Intensity (I_F = 20mA) mcd	Manf. Part No. & Anglia Order Code
NORMAL BRIGHTNESS				
Red	white-diffused	660	17	TOL3216MR
Orange	white-diffused	610	6	TOL3216MO
Yellow	white-diffused	585	7	TOL3216MY
Green	white-diffused	568	10	TOL3216MG
HIGH BRIGHTNESS				
Red	white-diffused	632	45	TOL3216MRB
Orange	white-diffused	611	45	TOL3216MOB
Yellow	white-diffused	593	45	TOL3216MYB
Green	white-diffused	570	30	TOL3216MGB

Dimensions (mm)



NOTE! – Polarity is reversed for TOL3216MR

Packaging

TAPE : 8mm wide, 4mm pitch REEL : 178mm dia.

For the very latest information and news on the full range of TITAN OPTO products available from Anglia, visit our website :

www.angliac.com/titan-opto

Alternatively, contact our Sales Desk to discuss your specific requirements.

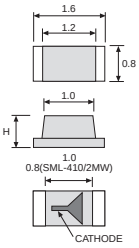
01945 47 47 47
www.angliac.com
sales@angliac.com
01945 47 48 49

CHIP - standard

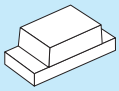
NEW SMD

Case & Viewing Angle	Emitted Colour	Lens Colour	Peak Wavelength nm	Typ. Luminous Intensity (I_F = 20mA) mcd	Chip Height (H) mm	Manf. Part No. & Anglia Order Code
0603 Chip  Viewing angle 140°	NORMAL BRIGHTNESS					
	Red	water-clear	650	4	0.8	***SML-310VT***
	Red	water-clear	660	10	0.8	***SML-310LT***
	Orange	water-clear	610	6.3	0.8	***SML-310DT***
	Yellow	water-clear	585	6.3	0.8	***SML-310YT***
	Green	water-clear	570	16	0.8	***SML-310MT***
	Green	white-diffused	570	16	0.55	***SML-510MW***
	Green	white-diffused	570	16	0.4	***SML-410MW***
	Pure-Green	water-clear	555	4	0.8	***SML-310PT***
	HIGH BRIGHTNESS					
	Red	white-diffused	630	40	0.55	***SML-511UW***
	Red	white-diffused	630	63	0.55	***SML-512UW***
	Orange	white-diffused	611	40	0.55	***SML-511DW***
	Orange	white-diffused	611	63	0.55	***SML-512DW***
	Yellow	white-diffused	590	40	0.55	***SML-511WW***
	Yellow	white-diffused	590	63	0.55	***SML-512WW***
	Green	white-diffused	570	40	0.55	***SML-512MW***
	Green	white-diffused	570	40	0.4	***SML-412MW***
	Green*	water-clear	523	90	0.8	***SML311EBT***
	Green*	water-clear	518	200	0.8	***SML312ECT***
	Blue*	water-clear	428	3.6	0.8	***SML310BAT***
	Blue*	water-clear	468	14	0.8	***SML311BBT***
	Blue*	water-clear	468	63	0.8	***SML312BCT***

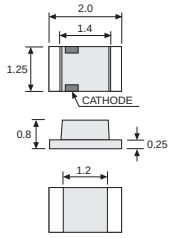
Dimensions (mm)

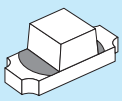


These LEDs are electrostatic sensitive devices. Observe precautions for handling

Case & Viewing Angle	Emitted Colour	Lens Colour	Peak Wavelength nm	Typ. Luminous Intensity (I_F = 20mA) mcd	Chip Height (H) mm	Manf. Part No. & Anglia Order Code
0805 Chip  Viewing angle 140°	NORMAL BRIGHTNESS					
	Red	water-clear	650	4	0.8	***SML-210VT***
	Red	water-clear	660	10	0.8	***SML-210LT***
	Orange	water-clear	610	6.3	0.8	***SML-210DT***
	Yellow	water-clear	585	6.3	0.8	***SML-210YT***
	Green	water-clear	570	16	0.8	***SML-210MT***
	Pure-Green	water-clear	555	4	0.8	***SML-210PT***
	HIGH BRIGHTNESS					
	Red	water-clear	639	63	0.8	***SML-212VT***
	Orange	water-clear	611	63	0.8	***SML-212DT***
	Yellow	water-clear	591	63	0.8	***SML-212YT***

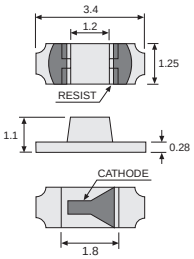
Dimensions (mm)



Case & Viewing Angle	Emitted Colour	Lens Colour	Peak Wavelength nm	Typ. Luminous Intensity (I_F = 20mA) mcd	Chip Height (H) mm	Manf. Part No. & Anglia Order Code
1305 Chip Reverse Mounting  Viewing angle 140°	NORMAL BRIGHTNESS					
	Green	water-clear	570	16	1.1	***SML-810MT***
	HIGH BRIGHTNESS					
	Green	water-clear	570	40	1.1	***SML-812MT***

Reverse mounting types, ideal for backlight applications

Dimensions (mm)



Packaging

TAPE : 8mm wide, 4mm pitch REEL : 178mm dia.