

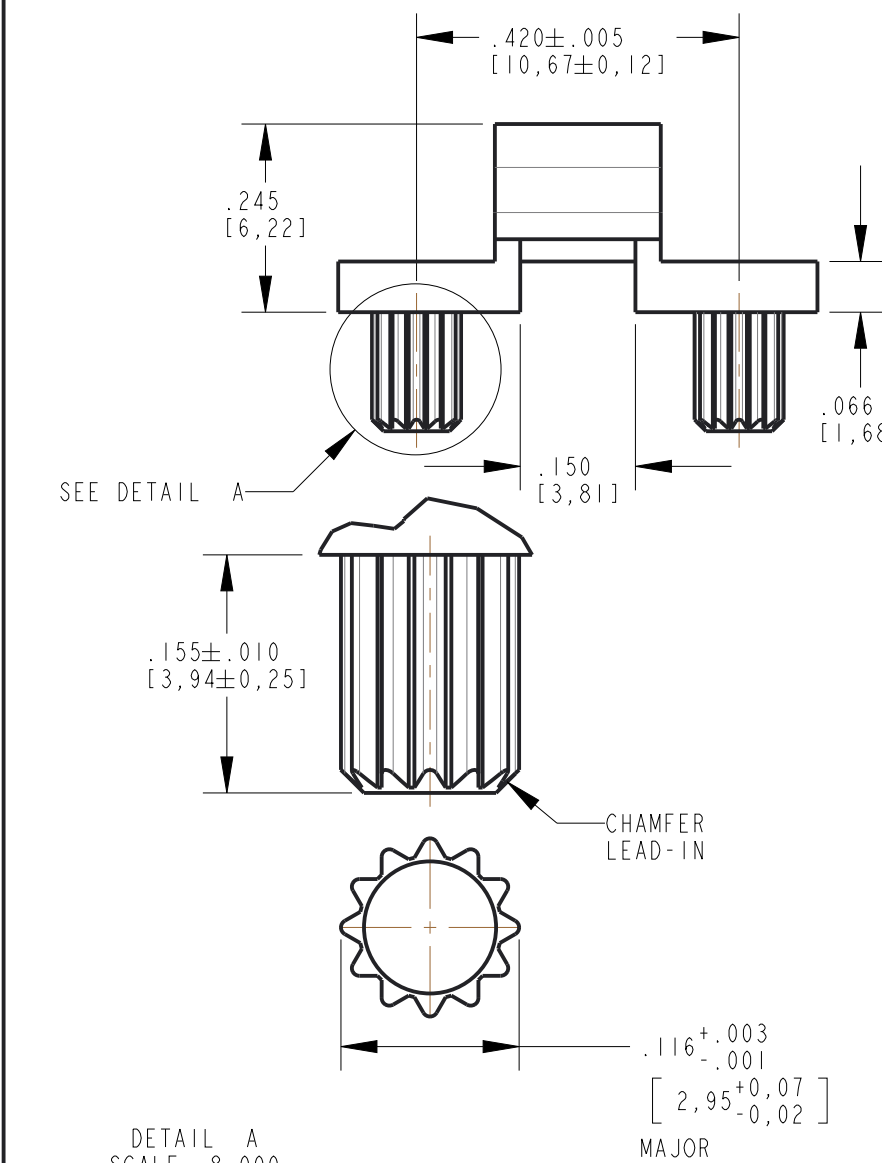
RECOMMENDED HOLE PATTERN GAUGE / SOLDER PAD LAYOUT
SINGLE COLOR LED

Dimensions:

- Overall width: $.420$ [$10,67$]
- Distance between hole centers: $.210$ [$5,33$]
- Distance between pad centers: $.045$ [$1,14$]
- Distance from hole center to pad center: $.065$ [$1,65$] TYP.
- Distance from pad center to hole center: $.095$ [$2,41$] TYP.
- Hole diameter: $\varnothing .113^{+.001}_{-.002}$ [$2,87^{+0,02}_{-0,05}$] TYP.

DIRECTION OF LIGHT

(TOLERANCES: $\pm .002$)



1. DIALIGHT PART NUMBER: 515-100IF.
2. COMPONENTS DESIGNED TO BE PRESSED INTO PC BOARD.
3. MATERIAL TO BE CLEAR, TRANSMISSIVE POLYCARBONATE (UL-94V-0 FLAMMABILITY).
4. STORAGE AND OPERATING TEMPERATURE: -30 TO +100°C.
5. RECOMMENDED SURFACE MOUNT LEDS DIALIGHT PART NUMBERS:
597-3XXI-2XXF (SINGLE COLOR)
597-77XI-2XXF (BI-COLOR)
6. 45° CHAMFER AROUND INSIDE OF PANEL CUT OUT (OPTIONAL).

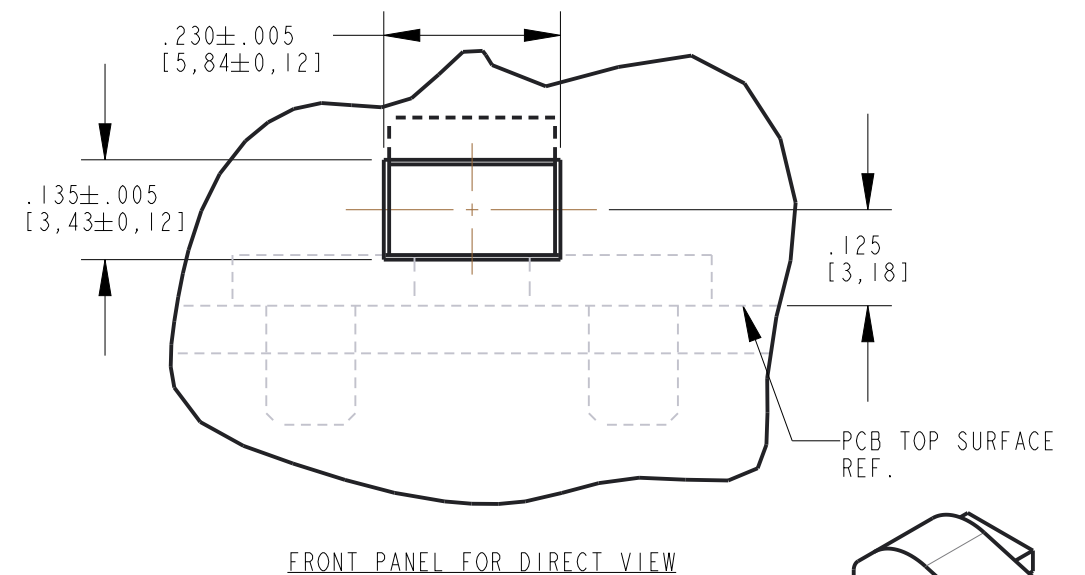
RECOMMENDED HOLE PATTERN GAUGE / SOLDER PAD LAYOUT
BI-COLOR LED

Technical drawing of a Bi-color LED showing hole pattern and solder pad layout. Dimensions are given in inches and millimeters (in brackets). Tolerances are $\pm .002$.

Key dimensions and features:

- Overall width: $.420$ [10,67]
- Distance between hole centers: $.177$ [4,5]
- Distance from hole center to right edge: $.102$ [2,59]
- Distance from hole center to left edge: $.210$ [5,33]
- Distance between solder pads: $.050$ [1,26]
- Distance from hole center to solder pad: $.059$ [1,5] TYP.
- Distance from hole center to top edge: $.043$ [1,09] TYP.
- Distance from hole center to bottom edge: $.050$ [1,26]
- Hole diameter: $\varnothing .113^{+.001}_{-.002}$ [2,87^{+0,02}_{-0,05}] TYP.
- Solder pad dimensions: $.043$ [1,09] TYP. (width), $.050$ [1,26] (height)
- Direction of light: Indicated by an arrow pointing downwards.

(TOLERANCES: $\pm .002$)



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SCALE: 4.000		DRAWING NUMBER	
ALL DIM's: INCH (mm)		C-17855	
TOLERANCES: UNLESS OTHERWISE SPECIFIED		REV B	
FRACTIONS: $\pm 1/64$ DECIMALS (.XX): $\pm .02$ DECIMALS (.XXX): $\pm .010$		TITLE SINGLE ELEMENT LIGHTPIPE	
ANGLES: $\pm 3^\circ$		MATERIAL SEE NOTES	
FINISH			
FSCM 83330		1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727 (732) 919-3119 www.dialight.com	
		SHEET 1 OF 1 FAMILY TABLE:	

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MATERIAL	SEE NOTES
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SEE NOTES

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SHEET	1	OF	1	FAMILY TABLE:
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