



# CIRCUIT BOARD INDICATORS

ULTRA BRITE 120 mcd  
LED T-1 $\frac{3}{4}$  (5 mm) LAMP ASSEMBLY

RED  
AMBER  
GREEN  
YELLOW  
BLUE

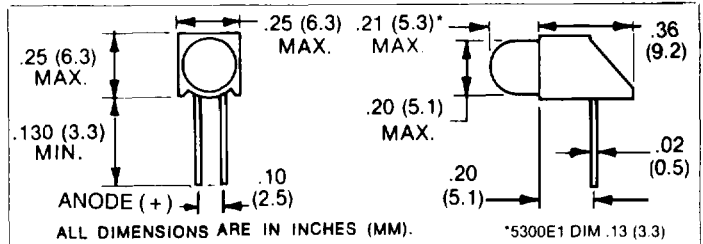
## SERIES 5300E, 5300H, 5302H, 5308H

### FEATURES

- Block mounting - height and spacing alignment - saves assembly cost
- Full range of brightness - 30 mcd for 5300H1 diffused lens
- Available in low current - 2mA
- Available with built-in resistor chip Eliminates need for external resistor - operates off 5 volt, or 12 volt supply
- TTL compatible
- Standoff design prevents flux entrapment



### OUTLINE DIMENSIONS



Housing: Black Nylon, UL 94V-0

Alternate LEDs are also available in this package as standard variations.

SPECIFICATIONS	COLOR	TYPICAL INTENSITY	RATED CURRENT	CONTINUOUS FORWARD CURRENT-MAX	FORWARD VOLTAGE TYP.	FORWARD VOLTAGE MAX.	PEAK FORWARD CURRENT AT 1ms-300 PPS	REVERSE BREAKDOWN VOLTAGE MIN.	PEAK WAVE LENGTH	FOR MORE COMPLETE LED DATA
MODEL NO.		mcd	mA	mA	V	V	A	V	nm	PAGE
5300E1	RED	3.0	20	100	1.7	2.2	1.0	5	660	3-4
5300H1	RED	30.0	20	35	2.0	3.0	1.0	5	635	3-9
5300H3	AMB	20.0	20	35	2.0	3.0	1.0	5	608	3-9
5300H5	GRN	30.0	20	30	2.2	3.0	.09	5	562	3-9
5300H6	BLUE	3.0	45	50	3.4	3.9	—	5	470	3-9
5300H7	YEL	25.0	20	35	2.1	3.0	1.0	5	585	3-9
5308H1	RED	120.0	20	20	3.0	2.2	1.0	5	635	3-12
5308H5	GRN	120.0	20	20	2.5	2.2	.09	5	555	3-12
5308H7	YEL	120.0	20	20	2.1	3.0	1.0	5	585	3-12
5300H1LC	RED	2.0	2	7	1.8	2.2	.007	5	635	3-5
5300H5LC	GRN	2.5	2	7	1.8	2.2	.007	5	565	3-5
5300H7LC	YEL	2.0	2	7	1.9	2.7	.007	5	585	3-5
5302H1-5V	RED	6.0	10	15	5	7.5	—	5	635	3-8
5302H3-5V	AMB	7.0	10	15	5	7.5	—	5	583	3-8
5302H5-5V	GRN	10.0	12	15	5	7.5	—	5	565	3-8
5302H1-12V	RED	4.0	12	2.0	12.0	15.0	—	5	635	3-8
5302H3-12V	AMB	4.0	12	2.0	12.0	15.0	—	5	583	3-8
5302H5-12V	GRN	4.0	12	2.0	12.0	15.0	—	5	565	3-8

ULTRA BRITE

LOW CURRENT

BUILT-IN RESISTOR 5 VOLTS

BUILT-IN RESISTOR 12 VOLTS