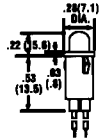


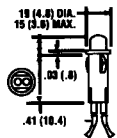
PANEL MOUNTED LEDS

SERIES 5100H 1/4" DIAMETER



Super brite-30mcd, low current available—only 2mA needed. Black nylon housing will snap-in .249-.254" diameter hole in panels .031-.062" thick. Leads are 24 AWG, 6" long.

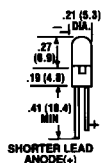
Mfr. No.	Color	Forward Volt at mA
5100H1	Red	2.0 at 20
5100H5	Green	2.2 at 20
5100H7	Yellow	2.1 at 20
5102H1-5V	Red	5.0 at 10
5102H3-5V	Amber	5.0 at 10
5102H5-5V	Green	5.0 at 12
5102H1-12V	Red	12.0 at 13
5102H3-12V	Amber	12.0 at 13
5102H5-12V	Green	12.0 at 13



SERIES 5110F 5/32" DIAMETER

Super brite, T-1 LED, 20mcd diffused lens. Low current available—only 2mA needed. Black nylon housing snap-fits .155-.158" diameter hole in panels .031-.062" thick. Leads 26 AWG, 6" long, stripped 1/2".

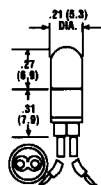
Mfr. No.	Color	Forward Volt at mA
5110F1	Red	2.0 at 10
5110F5	Green	2.2 at 20
5110F7	Yellow	2.1 at 20
5110F1-5V	Red	5.0 at 13
5110F3-5V	Amber	5.0 at 10
5110F5-5V	Green	5.0 at 12
5110F1-12V	Red	12.0 at 13
5110F3-12V	Amber	12.0 at 10
5110F5-12V	Green	12.0 at 12



SERIES 5200F 3/16" DIAMETER

Quick push-in panel mounting. T-1 "Super Brite" LED assemblies will snap into .187-.192" diameter holes in panels .020-.097" thick. Wide angle visibility and high-intensity light output.

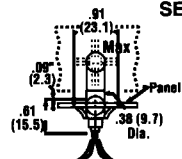
Mfr. No.	Color	Forward Volt at mA
5200F1	Red	2.0 at 10
5200F5	Green	2.2 at 20
5200F7	Yellow	2.1 at 20



SERIES 5210F 3/16" DIAMETER

A wire version of the 5200F (above). This series gives protection against static discharge. Leads are 26 AWG, 4.4-4.8" long, stripped .18-.32".

Mfr. No.	Color	Forward Volt at mA
5210F1	Red	2.0 at 10
5210F5	Green	2.2 at 10
5210F7	Yellow	2.1 at 20

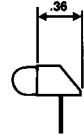
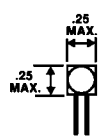


SERIES 5400A 5/16" DIAMETER

Two piece unit consisting of lens and LED housing assembly. Allows pre-wiring into circuit and testing before installation. 24 AWG wire leads 4.4-4.8" long, stripped .43-.57". Natural nylon housing, polycarbonate lens, red lead positive. To install, insert lens into panel, press firmly to snap LED assembly into rear of lens.

Mfr. No.	Color	Forward Volt at mA
5400A1	Red	2.0 at 20
5400A5	Green	2.1 at 20
5400A7	Yellow	2.0 at 20

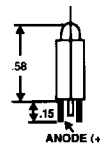
SERIES 5300E, 5300H, 5302H AND 5308H



- Easy to mount
- High contrast ratio
- Includes board standoff to prevent flux entrapment—permits easy washing
- TTL compatible—Requires no external current limiting resistors (Series 5302H*-5V only).
- Housing: Black nylon UL94V-0

Mfr. No.	Color	Forward Volt at mA	Typ. mcd.
5300E1	Red	1.7 at 20	3.0
5300H1	Red	2.0 at 20	30.0
5300H5	Green	2.2 at 20	30.0
5300H7	Yellow	2.1 at 20	25.0
5302H1-5V	Red	5.0 at 10	5.0
5302H3-5V	Amber	5.0 at 10	7.0
5302H5-5V	Green	5.0 at 20	10.0
5300H1LC*	Red	1.8 at 2	2.0
5300H5LC*	Green	1.8 at 2	2.5
5300H7LC*	Yellow	1.9 at 2	2.0
5308H1	Red	3.0 at 35	120.0
5308H5	Green	2.2 at 20	120.0
5308H7	Yellow	2.1 at 20	120.0
5300H1/5	Red/Grn	2.2 at 10	6.0
5300H5/1	Grn/Red	2.2 at 10	6.0
5302H1-12V	Red	12.0 at 12	4.0
5302H3-12V	Amber	12.0 at 12	4.0
5302H5-12V	Green	12.0 at 12	4.0

*LC = Low current, high efficiency.

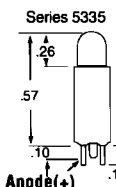
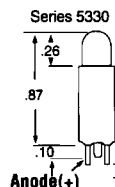


SERIES 5310F

- T-1 Size
- Press-in mounting for accurate location on printed circuit board
- High intensity light output
- Housing: Black nylon.

Mfr. No.	Color	Forward Volt at mA	Typ. mcd.
5310F1	Red	2.0 at 10	6.0
5310F5	Green	2.2 at 20	12.0
5310F7	Yellow	2.1 at 20	20.0

SERIES 5330H AND 5335H CIRCUIT BOARD INDICATORS



- T-1½ size wide viewing angle (Series 5330H) or intense beam (Series 5331H) LEDs
- Easy, press-in mounting for precise positioning on PC board
- Includes board stand-off to prevent flux entrapment, permits easy washing
- Height matches popular size rocker and toggle switches
- Use Series 5330H and 5335H to fit panel hole openings
- Use Series 5331H to line up behind panel overlays
- Housing: Black nylon UL94V-0

Mfr. No.	Color	Forward Volt at mA	Typ. mcd.
5330H1	Red	2.0 at 20	30.0
5330H5	Green	2.2 at 20	20.0
5330H3	Amber	2.0 at 20	30.0
5330H7	Yellow	2.0 at 20	25.0
5330H1LC†	Red	1.8 at 2	2.0
5330H5LC†	Green	1.8 at 2	2.5
5330H7LC†	Yellow	1.9 at 2	2.0
5330H1-5V*	Red	5.0 at 10	6.0
5330H3-5V*	Amber	5.0 at 10	7.0
5330H5-5V*	Green	5.0 at 10	10.0
5335H1	Red	2.0 at 20	30.0
5335H5	Green	2.2 at 20	30.0
5335H1LC†	Red	1.8 at 2	2.0
5335H5LC†	Green	1.8 at 2	2.5
5335H1-5V*	Red	5.0 at 10	6.0
5335H5-5V*	Green	5.0 at 10	7.0

*Built-in Resistor. †LC = Low current, high efficiency.