

OEM-STYLE CASELESS DIODE MODULES

Space Saving no case design
 Fixed or adjustable focus options
 Integrate into your product
 More options available, call us.

Platform	(X = 1-9)	230X-Y-ZZZ			
Optical					
Power Output (mW)	Y	1		3	
Wavelength (nm)	Z	635	650	635	650
Lens		X = #1-8 plastic, #9 glass			
Beam Shape		X = #1-8 ellipse, #9 line			
Beam Divergence (mrad)		<2			
Electrical					
Operating Current (mA)		<50			
Operating Voltage (VDC)		3*			
Environmental					
Operating Temps (°C)		-10 to +30			
Storage Temps (°C)		-40 to +50			

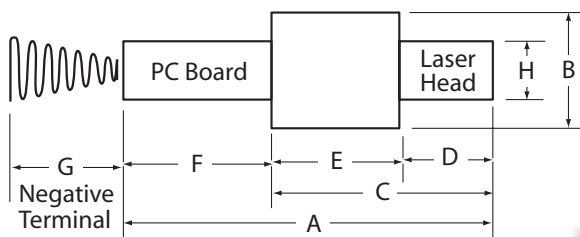
*4.5 Volt is also available for all models.

Electrical considerations: For heat sink considerations, the laser diode module body is positively charged. Please keep this in mind when designing your device.

Models 2301, 2305, 2306 have a momentary contact switch on the printed circuit board.

Models 2301, 2304, 2305, 2306 have a negative terminal spring and positive ground for the brass body (details D and E). Typically the spring is used to hold a battery in place, and power the module.

Models with wire leads: black supply lead (-); red supply lead (+).



mm	A	B	C	D	E	F	G	H
2301	32.5	6.5	13.5			19	4	
2302	26	8.6	11.5	8	3.5	14.5		6.5
2303	18	9.1						
2304	18.5	10.5	13.5	9.5	4	4	5	8.5
2305	34	10.5	17	10	7	17	9	8.7
2306	33.5	12.1	17	10	7	16.5	8	8.7
2307	35	12.1	17	10	7	8		8.7
2308	29	11	18.5			10.5		
2309	30	10.5						

