

GH06507C2B

Red Laser Diode

Red Laser Diode for Digital Copier / LBP

Features

- (1) Optical power output : MAX. 7 mW
- (2) Wavelength : TYP. 654 nm
- (3) Low droop type
- (4) High-speed rise
- (5) $\phi 5.6$ mm package

Applications

- (1) Digital Copiers
- (2) LBPs

Specifications

(Tc=25°C)

Parameter	Symbol	Conditions	Ratings	Unit
Optical power output	Po	—	MAX. 7	mW
Threshold current	Ith	—	TYP. 30	mA
Operating current	Iop	Po=5 mW	TYP. 42	mA
Operating voltage	Vop		MAX. 2.2	V
Wavelength	λ_p		TYP. 654	nm
Half intensity angle	Parallel		$\theta_{//}$	TYP. 8.5
	Perpendicular	θ_{\perp}	TYP. 29	
Droop rate	—	(Po=3 mW, 600 Hz)	(MAX. 10)	%
Operating temperature	Top(c)	-10 to +70		°C

(Notice)

- In the absence of confirmation by device specification sheets, SHARP takes no responsibility for any defects that may occur in equipment using any SHARP devices shown in catalogs, data books, etc. Contact SHARP in order to obtain the latest device specification sheets before using any SHARP device.
- Specifications are subject to change without notice for improvement.
- (Internet)
- Data for Sharp's optoelectronic/power devices is provided on internet. (Address <http://sharp-world.com/ecg/>)

Outline Dimensions

(Unit:mm)

