

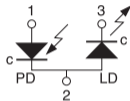
$\lambda = 405\text{nm}$ P = 7mW, Sanyo DL3146-151

- Short wavelength : 405 nm (Typ.)
- Output Power: 5mW CW
- Low threshold current : $I_{th} = 35\text{ mA}$ (Typ.)
- Package : 5.6 mm



Pin Description

- laser anode
- common case
- monitor diode anode



PIN CODE 5B

Maximum Ratings ($T_c=25^\circ\text{C}$)

CHARACTERISTIC	SYMBOL	RATING
Optical Output Power (CW)	P_o	7mW
LD Reverse Voltage	$V_{R(LD)}$	2V
PD Reverse Voltage	$V_{R(PD)}$	30V
Operation Case Temperature	T_{opr}	0 to 60°C
Storage Temperature	T_{stg}	-40 to 85°C

Optical-Electrical Characteristics ($T_c=25^\circ\text{C}$, $P=5\text{mW}$)

CHARACTERISTIC	SYMBOL	MIN.	TYP.	MAX.	
Threshold Current	I_{th}	-	35mA	55mA	
Operating Current	I_{op}	-	40mA	60mA	
Monitor Current	I_m	0.1mA	0.2mA	1.0mA	
Operating Voltage	V_{op}	-	5.0V	6.0V	
Lasing Wavelength	λ_p	395nm	405nm	415nm	
Beam Divergence	Perpendicular	θ_v	16°	20°	24°
	Parallel	θ_h	6°	8°	14°
Off Axis Angle	Perpendicular	$\Delta\theta_v$	-3°	-	3°
	Parallel	$\Delta\theta_h$	-2°	-	2°
Slope Efficiency (mW/mA)	η_s	0.5	0.8	-	

ITEM #	£* 1-5 PCS	€* 1-5 PCS	¥* 1-5 PCS
DL3146-151	£ 1,391.84	€ 1,948,58	¥ 315,484

*For quantities over 5 pieces, please call our local office for pricing.

ITEM #	PRICE 1-5 PCS	PRICE 6-10 PCS	PRICE 11-20 PCS	DESCRIPTION
DL3146-151	\$ 1,855.79	\$ 1,776.26	\$ 1,657.84	Sanyo 405nm, 7mW