

ELITE ADVANCED LASER CORPORATION
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產品規格書 (Data Sheet)

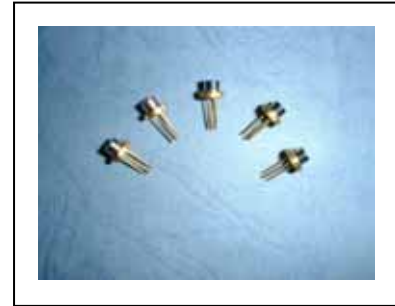
型號 : ELD66D5

腳位 : AP

等級 :

版本 : Version A

ELD66D5



- Applications
 - Industrial Module

- Special Features

- (1) High optical power with strained multi-quantum well structure.
- (2) Maximum operating temperature of 50 .

- Absolute maximum ratings (Tc=25)

Parameter		Symbol	Limit	Unit
Output Power		Po	35	mW
Reverse Voltage	Laser	$V_{R(LD)}$	2	V
	PIN photodiode	$V_{R(PIN)}$	30	V
Operating temperature		Top	-10~+50	
Storage temperature		Tstg	-40~+85	

- Electrical and optical characteristics (Tc=25)

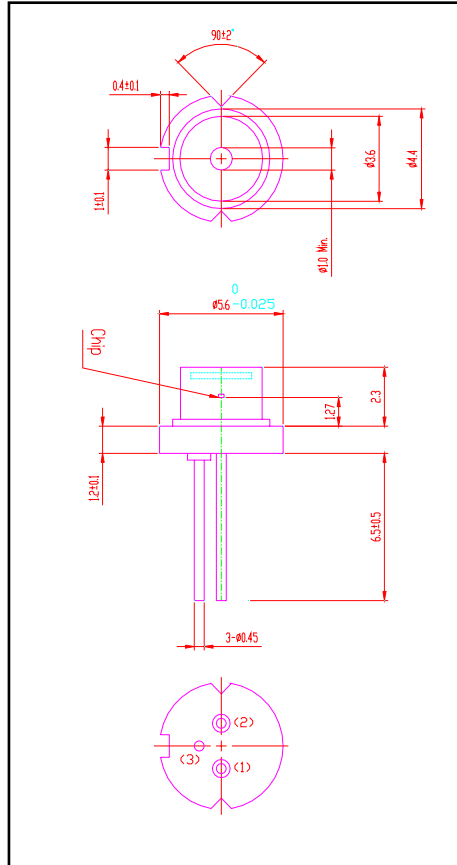
Parameter	Symbol	Min.	Typ.	Max.	Unit	Conditions
Threshold Current	Ith	-	45	70	mA	-
Operating Current	Iop	-	90	120	mA	Po=30mW
Operating Voltage	Vop	-	2.7	3.2	V	Po=30mW
Differential Efficiency		-	0.7	-	mW/mA	Po=20-30mW
Monitor Current	Im	0.05	0.2	1	mA	Po=30mW $V_{R(PIN)}=5V$
Parallel Divergence angle	//*	6	8	12	deg	Po=30mW
Perpendicular Divergence Angle	*	17	22	26	deg	
Parallel Deviation Angle	//	-3	-	+3	deg	
Perpendicular Deviation Angle		-3	-	+3	deg	
Emission Point Accuracy	X Y Z	-80	-	+80	μ m	Po=30mW
Peak Wavelength		655	660	666	nm	Po=30mW

* // and * are defined as the angle within which the intensity is 50% of the peak value

- Package and lead configuration please refer to our drawing.
- We can also make per your specification request. Please contact our sales.

Package and Lead Configuration

● Package Drawing: Type A



● Lead Configuration:

