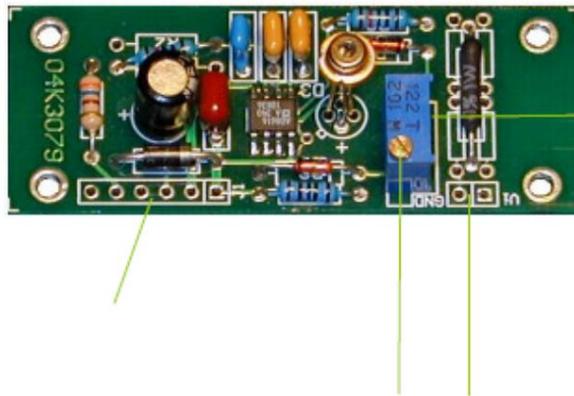


Pilote de diode laser à modulation linéaire OELDD-080M

Le pilote de diode laser à modulation linéaire OELDD-080M fournit un courant laser contrôlé linéaire par un signal de tension de modulation externe. Il est idéal pour piloter des diodes électroluminescentes (LED) et des diodes laser (LD) sans photodiode. La plage de courant laser est de 0 à 80mA. La limite de courant réglable protégera notre diode laser dans le cas où la tension du signal de modulation est trop élevée.

Connector:

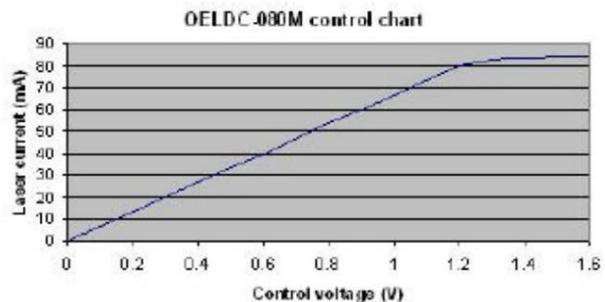


Linear modulation ($V_{Ctrl} \leq 1.2V$):

$$I_{laser} = V_{Ctrl} / 15$$

TTL modulation ($V_{Ctrl} > 1.2V$):

I_{laser} is decided by *Laser Current Limit*.



Features:

- Operates in linear controlled current mode
- Adjustable laser current limit
- 0.2% driving current linearity
- Up to 10MHz TTL modulation compatible (Use *Laser Current Limit* to control laser diode current).
- Working-indicator LED
- Single +5V power supply
- Wide operation temperature range

Specifications:

Maximum laser diode driving current	80mA
Driving current linearity	0.2%
Modulation frequency	0Hz to 10MHz
Driving current stability	1% or 0.5mA (After 1 minute starting)
Power supply	+5V
Operation Temperature	-20 ~ +75°C
Size	58mmX22mm

Note: All specifications are subject to change without notice.