

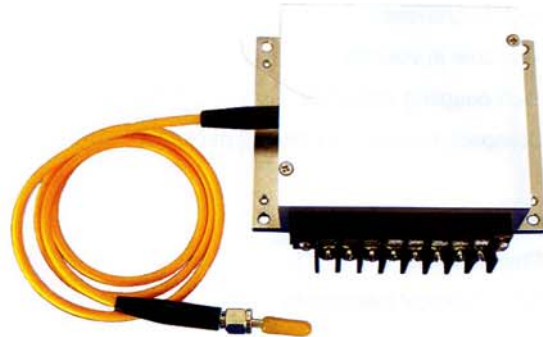
## Tri-wavelength Fiber-Bundled Laser Modules

### Features:

- > Wavelength 808nm,980nm
- > Integrated aiming beam (2mW@650nm)
- > High coupling efficiency
- > Compact, hermetically sealed package
- > Long lifetime

### Applications:

- > Physiotherapy
- > Other medical treatments



### Absolute Maximum Ratings

PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	$V_r$	2.0	V
Operating Temperature	$T_{op}$	+10~+20	°C
Storage Temperature	$T_{stg}$	-20 ~ +80	°C
Lead Soldering Temperature(10 sec.)	$T_{is}$	260	°C

### Specifications

#### GCSLX-TRIO-B0506-22

Peak Wavelength	808±10nm	980±10nm
Output Power (Typ.)	2W	2W
Spectral Width (FWHM)	≤ 4nm	≤ 4nm
Temperature Coefficient of Wavelength	0.3nm/°C	0.3nm/°C
Number of Emitters	1	1
Slope Efficiency	>0.8W/A	>0.8W/A
Threshold Current (Typ.)	400mA	400mA
Operating Current (Typ.)	2.5A	2.5A
Operating Voltage	≤ 2V	≤ 2V
Fiber Core Diameter	≤ 300μm	
Fiber Numerical Aperture	0.22	
Fiber Length (Typ.)	70cm	
Connector Type	SMA905 / ST / FC	
Pilot Beam Wavelength	650±10nm	
Pilot Beam Operation (Typ.)	5V voltage	
Package Style	Fiber-bundled package1	