

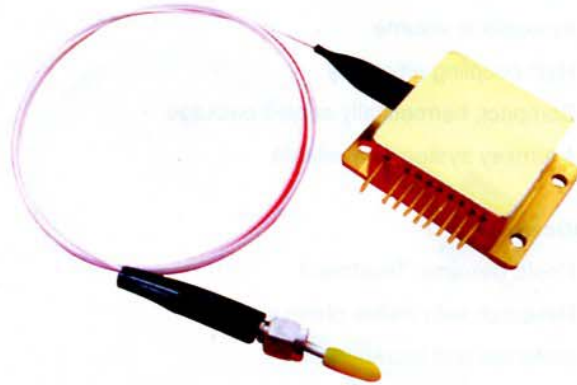
635nm Fiber-Coupled Modules with Single Emitter

Features:

- High brightness
- Available in volume
- High coupling efficiency
- Compact, hermetically sealed package
- A turnkey system is available

Applications:

- Photo Dynamic Treatment
- Research with visible photo sensitive materials and therapies



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_{ls}	260	°C

Specifications	GCSLX -09-350m-2
Peak Wavelength @15°C	635 ±5nm
Output Power (Typ.)	350mW
Spectral Width (FWHM)	≤ 2.5nm
Temperature Coefficient of wavelength	0.2nm/°C
Threshold Current (Typ.)	700mA
Operating Current (Typ.)	1A
Operating Voltage	≤ 2.2V
Thermistor Value ((25°C)	(10 ± 0.5)KΩ
TEC Max. Current	4.0A
TEC Max. Voltage	8.6V
Fiber Bundled Diameter	100 μm
Fiber Numerical Aperture	0.22
Fiber Length (Typ.)	70cm
Minimum Bend Radius	25mm
Connector Type	SMA905 / ST / FC
Package Type	9-pin HHL