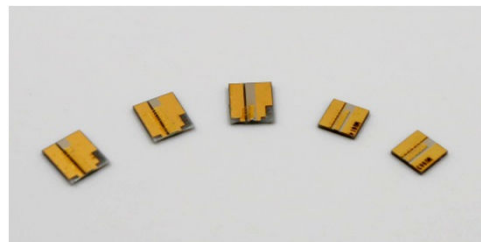


Features

- Industrial standard AlN submounts
- AuSn soldering ensures long term reliability
- Available wavelengths: 780–1960nm
- High Efficiency, Long life



Applications

- Efficient pumping of DPSSL and fiber lasers
- Material processing
- Medical
- Illumination

Parameters	Unit	793nm	808nm	830nm	915nm	976nm
Output power	W	8	10	3	12	12
Emitter width	µm	200	200	95	95	95
Max operating current	A	10	12	3	12	12
Max operating voltage	V	2	2	1.8	1.8	1.8
Threshold current		1.3	1.3	0.35	0.6	0.6
WPE (typical)	%	52%	55%	57%	65%	62%
Center wavelength	nm	793	808	830	915	976
Wavelength tolerance	nm	±3	±3	±3	±5	±5
Spectral width (FWHM)	nm	3	3	3	3	3
Wavelength temp coefficient	nm/°C	0.3	0.3	0.3	0.3	0.3
Slope efficiency	W/A	1.1	1.1	1.1	1.2	1.2
Fast axis divergence	°	60				
Slow axis divergence	°	8				
Polarization mode		TE				
Max reverse voltage	V	2.5				
模块尺寸	mm	4.5*5.7*0.5				

- Other wavelength available
- Use under non condensing environment
- Laser performance tested at 25C