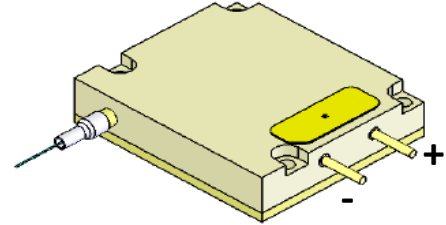


Datasheet AO20-14xx-01 Module

Part Number	AO20-14xx-01
Serial Number	12PC07
Output Fiber 200/240/400 μm	0.22NA



Absolute Maximum Rating

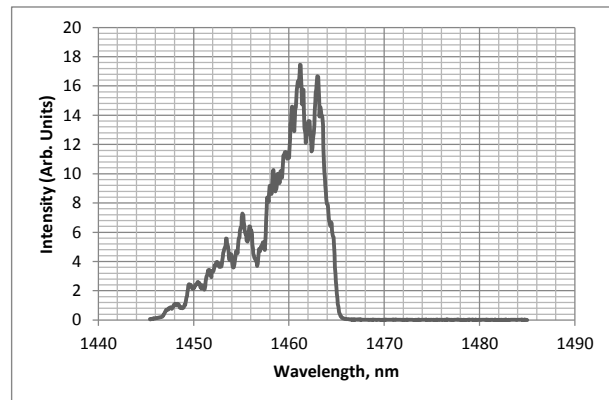
	Min	Max	Unit	Condition
ESD		500	V	HBM, C=100pF, R=1.5 kOhm
Storage temperature	15	75	°C	non-condensing
Operating current		12	A	
Lead Soldering Temp.		250	°C	
Lead Soldering Time		10	sec	
Operating case temperature	15	45	°C	

Electro-optic Characteristics, Ta=25°C, P=Pop

		Unit
max operating power Pop	21.4	W
max operating current	8	A
threshold current	750	mA
operating voltage	22.7	V
center wavelength	1460	nm
spectral width (90% power)	7	nm

Other wavelengths available on request

Spectrum, Ta=25°C, I=9A



Electro-optic Characteristics, Ta=15°C

		Unit
Slope Efficiency @ 6.0A	2.99	W/A
Slope Efficiency @ 11A	2.45	W/A
Wall Plug Efficiency 6.0A	23%	%
Wall Plug Efficiency 11A	21%	%

