

850 nm 3 mW dot laser module

Optical Parameter	
Output Wavelength	850±10nm
Operating Mode	CW
Output Power (at the exit aperture)	Max 3mW
Power Output Stability	< 5%
Lens Type	Dot
Working Distance	10 m
Electrical Parameter	
Driver	integrated
LD operating current	Max 90 mA
External Modulation	None
Operating voltage	3 – 5 V
Mechanical Parameter	
Housing Material	Brass
Dimensions of Laser Head	Φ 6.5 X 10 mm
Weight of Laser Head	TBD
Reliability	
Warm Up Time	< 2 s
Cooling	/
Operating Temperature, Case	-10℃ ~ 40℃
Storage Temperature	-30℃ ~ 50℃
Dust/Water Resistant	/
Expected Operation Lifetime	>8,000 hrs @25℃
Certification/Regulatory	CE/RoHS/FDA
Warranty	12 months