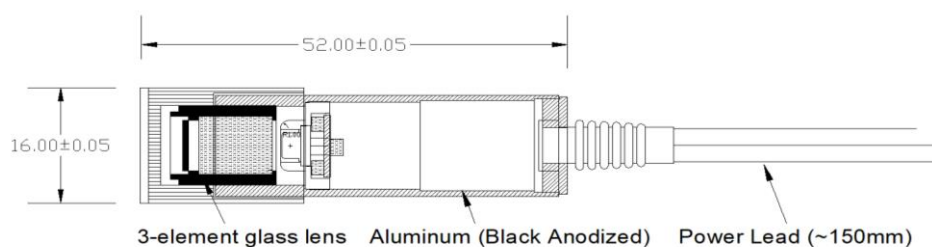


DIODE LASER MODULE

ALA serial - Optic Focus Adjustable



General Specification -

Max. Optical output Power	~ 70% of max. diode power (w/o front cover) ~ 50% of max. diode power (w/ front cover)
Optical output Power	Within range +0 to -10% of customer assigned power
Wavelength	<i>See available laser diode reference</i>
Diode Power	<i>See available laser diode reference</i>
Operation Voltage	3V/5V/12V/24V DC +-10%
Operation Temperature	-10 °C ~ 40°C
Beam Size (without front cover)	7mm x 1.5mm
Beam Size (with front cover)	4mm x 1.5mm
Beam Divergence	< 0.8mrd
Collimating lens	3-element glass lens
Case Material	Black Anodized (Aluminum)
MTTF (Mean Time To Failure)	10000 hrs (for standard type), 3000 hrs (for T3 type)

Available laser diodes -

	5mW	7mW	10mW	20mW	30mW	40mW	50mW	90mW	100mW up
405nm	●		●	●			●		
455nm							●		
515nm			●	●	●				
635nm	●	●	●	●	●				●
650nm	●	●	●	●	●				●
660nm						●			●
670nm		●	●						
680nm					●				
780nm	●		●	●			●		●
808nm							●		●
830nm					●	●			●
850nm	●				●		●		●
980nm							●		●

MTTF > 10,000Hrs