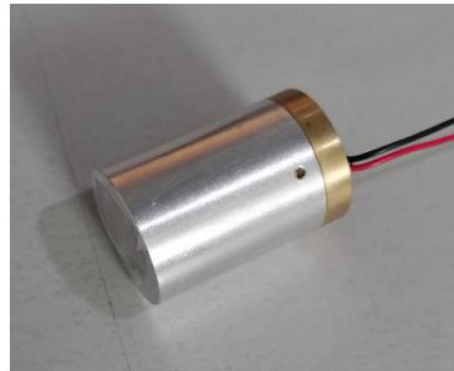
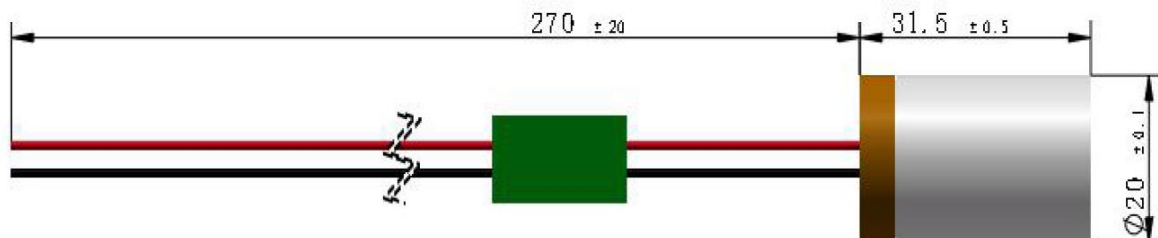


GLM-560-020-2032**Yellow-Green Laser Module****Features**

- Fast Rise Time
- High Reliability

**Dimensions (mm)**

Specifications					
Model Number		GLM-560-020-2032			
Mechanical Specifications		Specs			Conditions
		Min	Typ	Max	
Laser Head	Diameter (mm)	-	20	20.1	
	Length (mm)	31	31.5	32	
	Weight (g)	-	-	35	
Housing Material		Brass / Aluminum Alloy			
Optical Specifications					
Wavelength (nm)		558	560	562	
Output Power (mW) at 10 to 50°C		10	20	-	
Power Stability at constant Temperature		-	±5%	±10%	after max. 3 min
Output Power Mode		-	CW	-	
Laser Class		-	3B	-	
Beam Specifications					
Beam Divergence (mrad)		-	1	1.5	full angle, 1/e ²
Beam Alignment Tolerance	Position (Δr , mm)	-	0.3	0.5	at output Window
	Off-axis Angle (mrad)	-	15	40	full angle
Beam Diameter (mm)		-	-	5	at output Window
Beam Diameter (mm)		-	7	15	at 7m distance
Beam Roundness		50	-	100	
Beam Mode Longitudinal		Multimode			
Beam Mode Transverse		Near TEM ₀₀			
Polarisation Ratio		-	NA	-	
Residual IR		-	-	1%	
Electrical Specifications					
PCB Type		ACC			fixed / 110Hz
Operating Voltage (V)		2.8	3.0	3.6	DC
Operating Current (mA)		-	600	650	at 3V
Housing Isolation		No			
ESD Protection		No			
Reverse Voltage Protection		No			

Electrical Specifications	Specs			Conditions
	Min	Typ	Max	
Wire Length (mm)	270±20			Others on request
Wire Type	UL 10064 26AWG			Others on request
Reliability				
Operating Case Temperature (°C)	10	25	50	
Rise Time (seconds)	-	0.2	0.5	
Storage Temperature (°C)	-20	-	60	
Environmental Humidity (RH, %)	5	-	85	
Lifetime (hours)	5000	-	-	MTTF at 25 °C

Electrical Specifications	Specs			Conditions
	Min	Typ	Max	
Wire Length (mm)	200±50			Others on request
Wire Type	20AWG for LD wires 28AWG for NTC wires			
Thermistor Resistance	10kΩ			@25°C
Thermistor Constants	A = 2.231e ⁻³ B = 4.694e ⁻⁵ C = 0.884e ⁻⁶			
Reliability				
Operating Case Temperature (°C)	24	25	26	
Rise Time (seconds)	-	3	5	
Storage Temperature (°C)	0	-	40	
Environmental Humidity (RH, %)	5	-	85	
Lifetime (hours)	5000	-	-	MTTF at 25 °C

Example of Beam Spot

