

660nm Line Laser Module

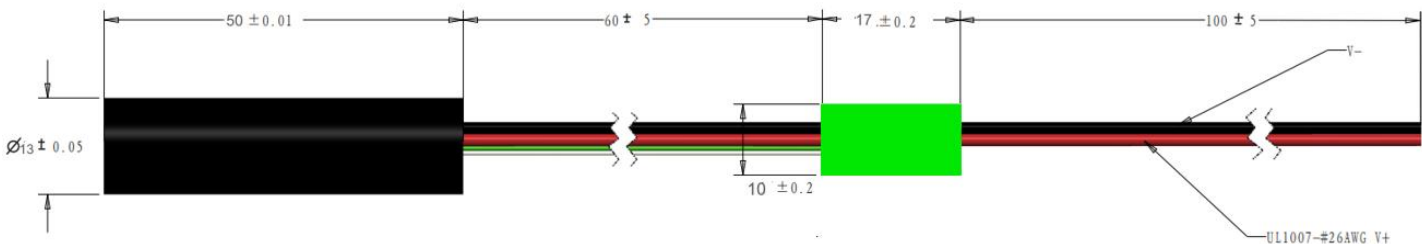


R660L050-13x50-60-(-10-85)-CW

Features

- 660nm Laser
- High Reliability
- Uniform Line
- Wide Temperature Range

Dimensions (Unit: mm)



Specifications				
Model Number				
Mechanical Specifications		Min	Typ	Max
Laser Head	Diameter (mm)	12.95	13	13.05
	Length (mm)	49.5	50	50.5
Housing Material		Aluminum Black Anodized		
Optical Specifications		Min	Typ	Max
Wavelength (nm)		652	660	665
Output Power (mW) ⁽¹⁾		40	50	60
Output Power Mode		CW		
Laser Class		Class 3B		

⁽¹⁾ Measured at emitting point over case temperature -10 to 85°C.

Beam Specifications	Min	Typ	Max
Linewidth at 700mm(mm,1/e ²) ⁽¹⁾	-	-	1
Line length at 700mm(mm)	680	700	840
Line Uniformity ⁽²⁾	70%	-	-
Line Straightness			0.2%
Electrical Specifications	Min	Typ	Max
Power Type	CW		
Operating Voltage (DC, V)	10.0	12.0	14.0
Operating Current @12V (mA) (@85°C) ⁽³⁾	-	-	90
Wire Length(mm)	95	100	105
Reliability	Min	Typ	Max
Operating Case Temperature Range (°C)	-10	25	85
Storage Temperature (°C)	-40	25	90
Operating Humidity	-	-	80%
RoHS Compliance Declaration	Yes		

(1) Tested via beam quality analyzer

(2) Beam uniformity test method:based on ICE60825-1 standard, test the laser line output power at 100mm through 7mm hole, record the min. output power and max. output power, the ratio of the two values should ≥70%.