



LINEMAN : ALM-660120-HFC301

Absolute Maximum Rating

Item	Rating
Input voltage	6.0V
Operating temperature *)	-10°C to 50°C
Storage temperature *)	-20°C to 60°C

*) Housing temperature

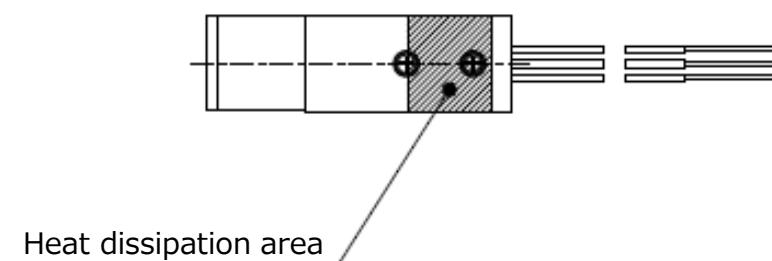
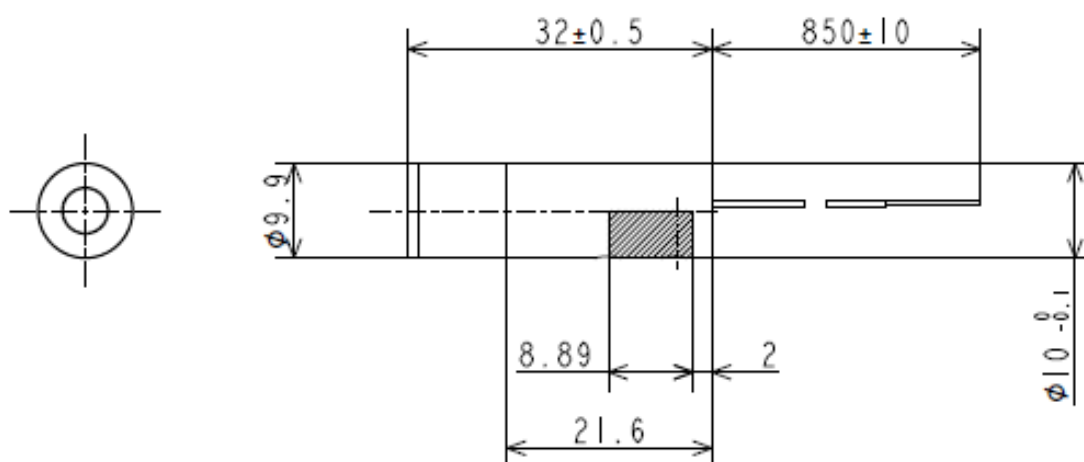
Electrical and optical characteristics (T Housing = 25°C) **)

Item	Min.	Typ.	Max.
Fan angle	—	60°	—
Focal distance	—	711mm	—
Output Power	45.0mW	50.0mW	55.0mW
Wavelength	655nm	660nm	665nm
Line length at Focal distance	780mm	820mm	862mm
Line width (1/e ²) at Focal distance	—	290um	500um
Line uniformity at Focal distance	—	—	10%
Line straightness	—	—	0.1%
Input voltage	4.5V	5.0V	5.5V
Operating current	—	200mA	250mA

**) All characteristics are simulation results based on design center values.



Package Dimension (unit : mm)



Wire Connections

Wire : 28AWG UL1571

Wire	Color	Signal	Function
1	Red	Vcc	Input voltage
2	Black	GND	
3	Green	TTL-Mod.	ON : 0~0.8V、OPEN OFF : 4~5V