LINEMAN : ALM-405175-*FB301

Absolute Maximum Rating

Item	Rating
Input voltage (Vcc)	15.0V
TTL input voltage	5.5V
Operating temperature *)	-10°C to 50°C
Storage temperature *)	-20°C to 60°C

*) Housing temperature

Electrical and optical characteristics (T Housing = 25℃) **)

Item	Min.	Typ.	Max.
Fan angle	–	60°	–
Focal distance	–	450～3000mm	–
Output Power	–	TBD	85mW
Wavelength	400nm	405nm	410nm
Line length at Focal distance		520～3450mm	
Line width (1/e^2) at Focal distance	–	165～1080um	
Line uniformity at Focal distance	–	–	10%
Line straightness	–	–	0.1%
Input voltage	11.5V	12.0V	12.5V
Oparating current	–	TBD	250mA

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

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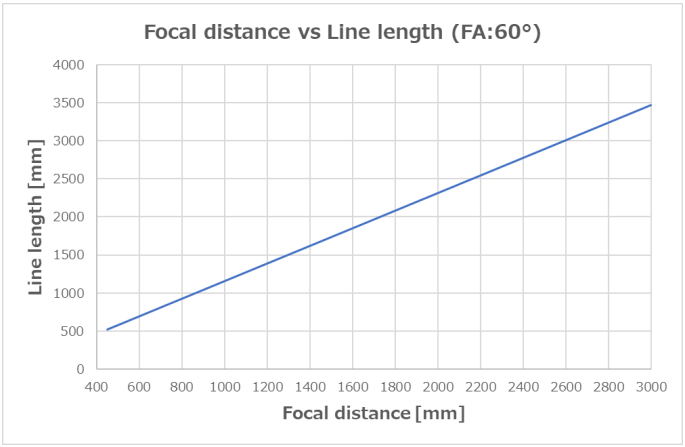
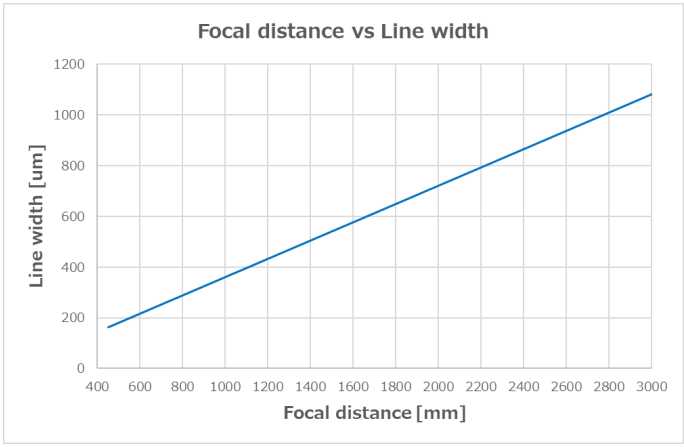
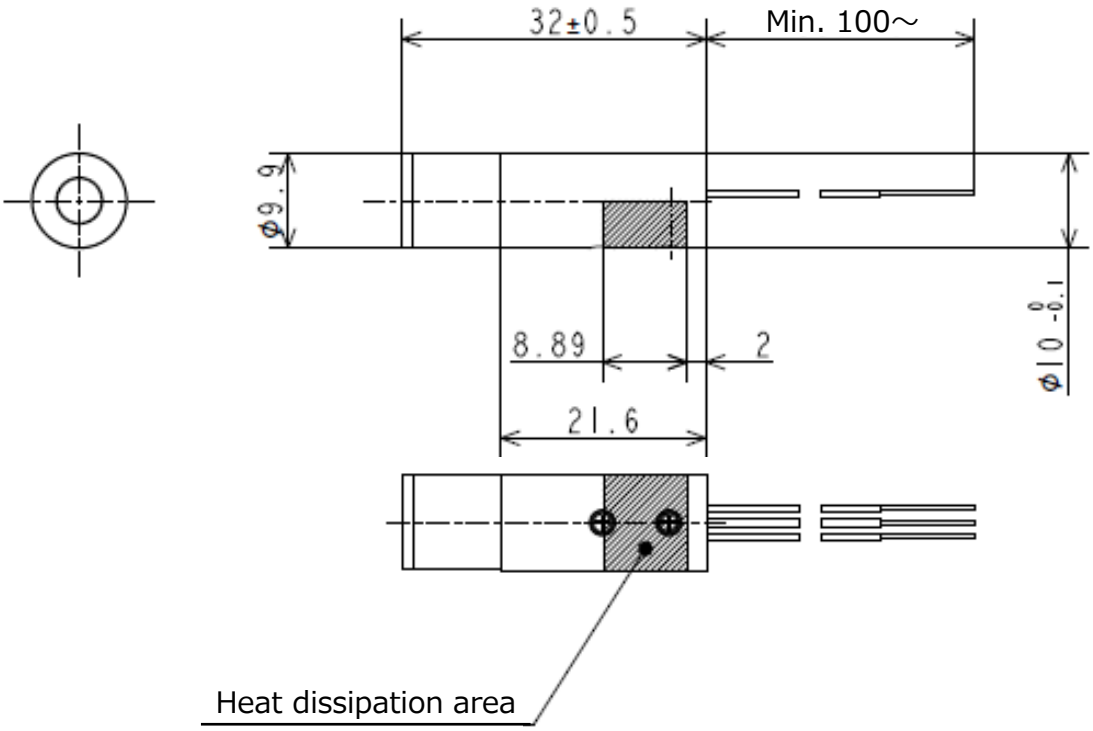




Package Dimension（unit : mm）



Wire Connections

Wire : 28AWG UL1571

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

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