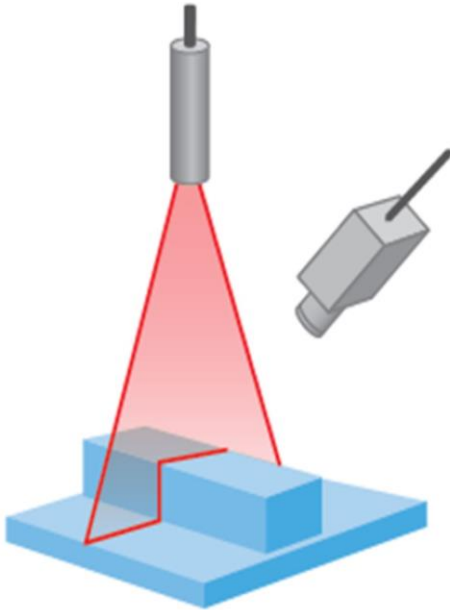



/ 使用例：光切断法について /



光切断法を用いた3次元計測において直線性（ライン曲がり幅）が極めて小さいため、ソフトウェアによる画像処理の誤差が抑えられ超高精度計測が可能です。

/ 例：サンプル仕様書 /



LINEMAN : ALM-660200-1CB3S1

PRELIMINARY

■ Absolute Maximum Rating

Item	Value	Unit
Optical output power	110.0	mW
Input voltage	6.0	V
Operating temperature *)	-10~50	°C
Storage temperature *)	-20~60	°C

*) Housing temperature

■ Electrical and Optical Specification (T housing=25°C)**


Item	Min.	Typ.	Max.	Unit	Condition
Fan angle		30		-	
Focal distance		1500		mm	
Optical output power	95.0	100.0	105.0	mW	
Wavelength	652	660	665	nm	
Line length	760	800	880	mm	at focal distance
Line width	—	590	1350	μm	at focal distance
Line uniformity	—	—	8	%	at focal distance
Input voltage	4.0	5.0	5.5	V	
Operating current	—	250	300	mA	
Line straightness	—	—	0.02	%	at focal distance


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

■ Wire Connections

Wire : 28AWG UL1571, O.D : 0.6+/-0.05mm

Wire	Color	Signal	Function
1	Red	Vcc	Input voltage
2	Black	GND	
3	Green	TTL-Mod.	ON <1V / OFF >4V (Open=ON)

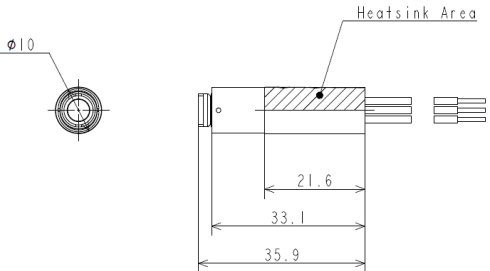




PRELIMINARY

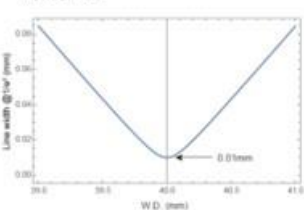
■ Package Dimension (unit : mm)

形状・寸法は開発中



■ Simulation data

Line width vs Working distance



Line uniformity

