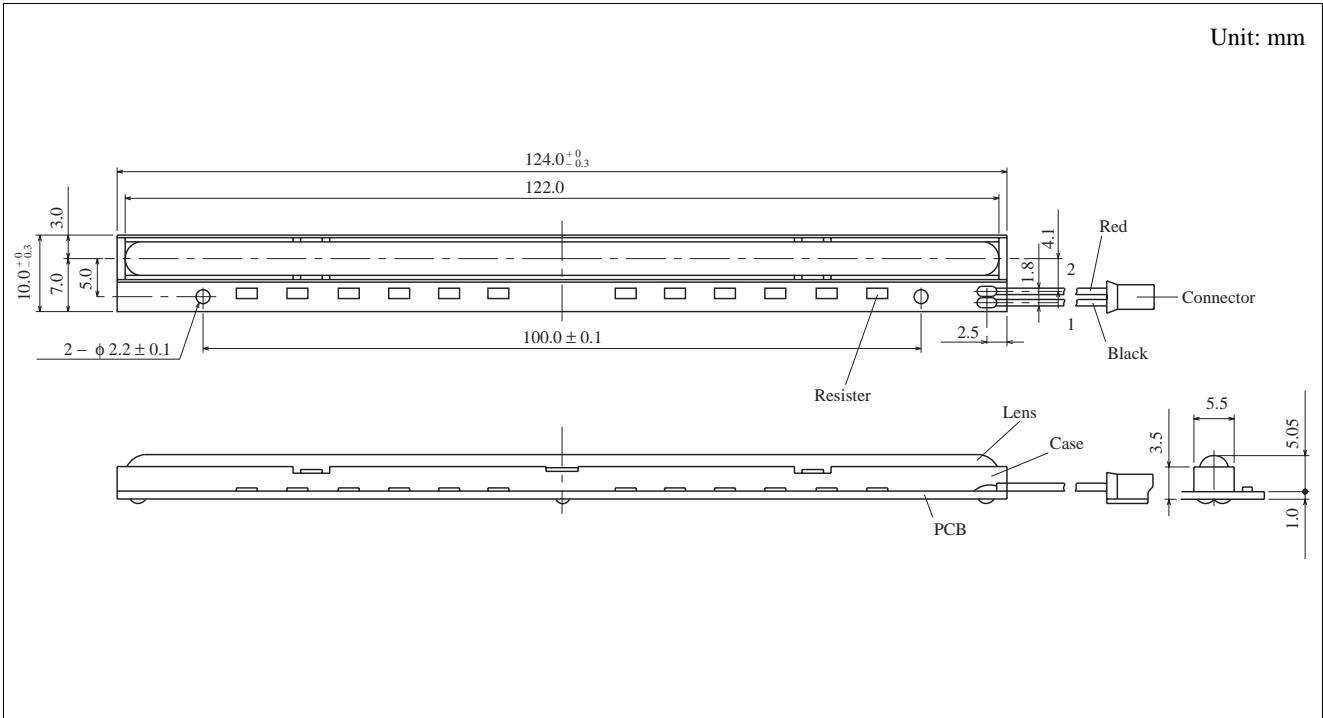


# LED LINE LIGHT SOURCE

A6 Size LN483126UN Global Parts No. LNR306701



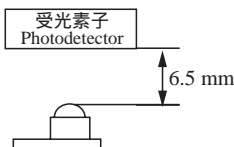
■ Absolute Maximum Ratings ( $T_a = 25^\circ\text{C}$ )

Item	Symbol	Rating	Unit
Supply Voltage	$V_{CC}$	12.6	V
Reverse Voltage	$V_R$	16.0	V
Power Consumption	P	4.35	W
Operating Ambient Temperature	$T_{opr}$	0 ~ + 40	$^\circ\text{C}$
Storage Temperature	$T_{stg}$	- 20 ~ + 60	$^\circ\text{C}$

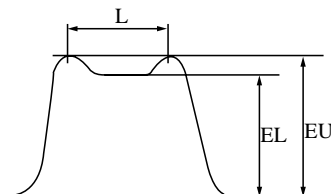
■ Electro-Optical Characteristics ( $T_a = 25^\circ\text{C}$ )

Item	Symbol	Condition	min	typ	Max	Unit
Supply Voltage	$V_{CC}$		11.4	12.0	12.6	V
Total Forward Current	$I_{Ft}$	$V_{CC} = 12.0\text{ V}$			300	mA
Effective Illumination Length	L	$V_{CC} = 12.0\text{ V}$		105		mm
Radiant Illuminance on Manuscript	E	$V_{CC} = 12.0\text{ V}$	750			Lx
Illuminance Distribution	$\Delta\text{EB}$	$V_{CC} = 12.0\text{ V}$		125		%
Range of Collecting and Spreading Light	$\Delta\text{L}$	$V_{CC} = 12.0\text{ V}$		0.8		mm
Peak Emission Wavelength	$\lambda\text{ P}$	1chip IF = 20 mA		565		nm
Spectral Band Width	$\Delta\lambda$	1chip IF = 20 mA		30		nm

原稿面照度  
Illuminance on Manuscript



照度分布  
Illuminance Distribution



$$\Delta\text{EH} = \text{EU}/\text{EL} \times 100\%$$

集光照射幅  
Range Collecting and Spreading Light

