

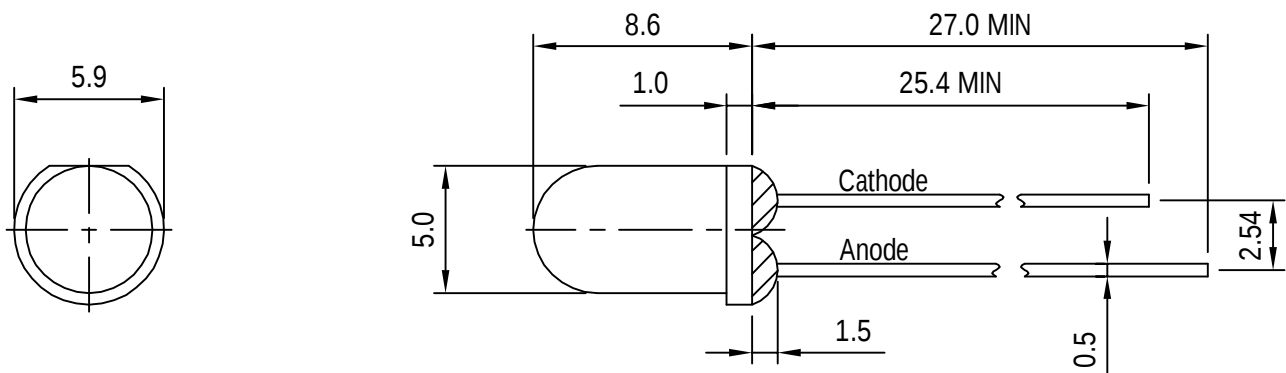
JOINSCAN LEDs

5 ϕ LED LAMP	
Model No.	L503ED
Emitting Color	Hi-eff red
Chip Material	GaAsP/GaP
Lens	Red Diffused

Absolute Maximum Ratings (最大極限值) TA = 25 °C			
Parameter	Symbol	Rating	Unit
Power Dissipation	Pd	80	mW
Forward Current	I _F	30	mA
Peak Forward Current ^{*1}	I _{FP}	150	mA
Reverse Voltage	V _R	5	V
Operating Temperature	Topr	-40°C TO + 80°C	
Storage Temperature	Tstg	-40°C TO + 85°C	
Soldering Temperature	Tsol	260°C (for 5 seconds)	

^{*1} Condition for I_{FP} is pulse of 1/10 duty and 0.1 msec width

Electrical and optical characteristics (電性) TA = 25 °C						
Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage	V _F	I _F = 20mA	—	2.0	—	V
Luminous Intensity	I _V	I _F = 20mA	—	80	—	mcd
Peak Emission Wavelength	λ _P	I _F = 20mA	—	640	—	nm
Reverse Current	I _P	I _F = 5 mA	—	—	100	μ A



UNIT : mm
TOLERANCE : ± 0.2 mm
REV : B

Remark:

RoHs Compliance