

JOINSCAN LEDs

Ø 3 LED LAMP

Model No.	L314ZD
Emitting Color	Super Red
Chip Material	GaAlAs
Lens	Red Diffused

Absolute Maximum Ratings (最大極限值)

TA = 25°C

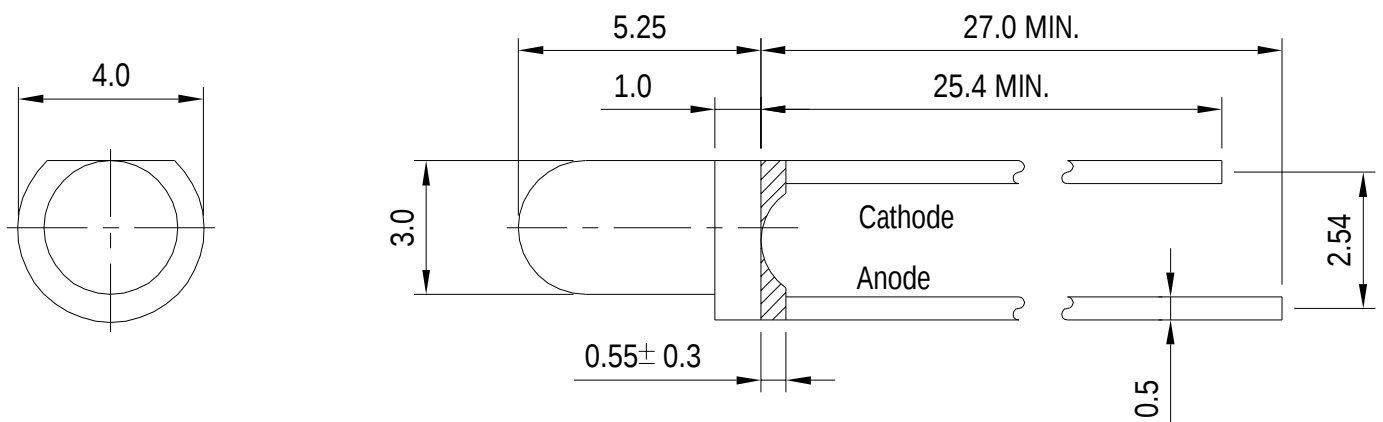
Parameter	Symbol	Rating	Unit
Power Dissipation	Pd	54	mW
Forward Current	I _F	30	mA
Peak Forward Current ^{*1}	I _{FP}	150	mA
Reverse Voltage	V _R	5	V
Operating Temperature	Topr	-40°C TO + 80°C	
Storage Temperature	Tstg	-40°C TO + 85°C	
Soldering Temperature	Tsol	260°C (for 5 seconds)	

^{*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	—	1.8	—	V
Luminous Intensity	I _V	I _F = 20mA	—	200	—	mcd
Peak Emission Wavelength	λ _P	I _F = 20mA	—	660	—	nm
Reverse Current	I _R	V _R = 5 V	—	—	100	μA



Unit : mm

Tolerance : ± 0.2mm

REV : A