

JOINSCAN LEDs

LED LAMP — ϕ 3.0 mm SERIES	
MODEL NO.	L314AD
EMITTING COLOR	YELLOW
DICE	GaAsP / GaP
LENS	YELLOW DIFFUSION

ABSOLUTE MAXIMUM RATINGS (最大極限值)

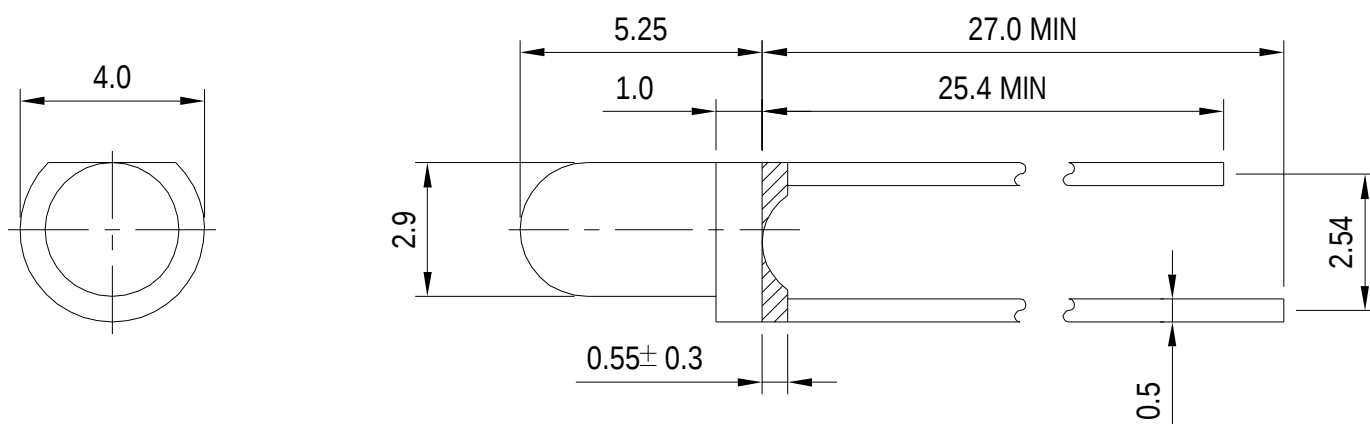
TA = 25 °C

PARAMETER	SYMBOL	RATING	UNIT
POWER DISSIPATION	P AD	45.0	mW
DERATING LINEAR FROM 25 °C		0.27	m / °C
CONTINUOUS FORWARD CURRENT	I AF	20.0	mA
PEAK FORWARD CURRENT (DUTY CYCLE 1 / 10 , 10KHZ)	I PF	90.0	mA
REVERSE VOLTAGE	V R	5.0	V
OPERATING TEMPERATURE	T OPR	-25 °C TO + 85 °C	
STORAGE TEMPERATURE	T STG	-25 °C TO + 85 °C	
SOLDER TEMPERATURE 1 / 16 INCH BELOW SEATING PLANE FOR 5 SECONDS AT 230 °C			

ELECTRO - OPTICAL CHARACTERISTICS (電性)

TA = 25 °C

PARAMETER	SYMBOL	CONDITION	MIN	TYP	MAX	UNIT
FORWARD VOLTAGE	V F	I F = 20mA	—	2.2	—	V
LUMINOUS INTENSITY	I V	I F = 20mA	—	16.0	—	mcd
PEAK EMISSION WAVELENGTH	λ P	I F = 20mA	—	600	—	nm
REVERSE CURRENT	I P	I F = 5mA	—	—	100	μ A



UNIT : mm

TOLERANCE : ± 0.2mm

REV : B