

JOINSCAN LEDs

LED LAMP — $\varnothing$ 5.0mm SERIES	
MODEL NO.	L503FCZ
EMITTING COLOR	SUPER BLUE
DICE	SiC
LENS	Water Clear

ABSOLUTE MAXIMUM RATINGS (最大極限值)

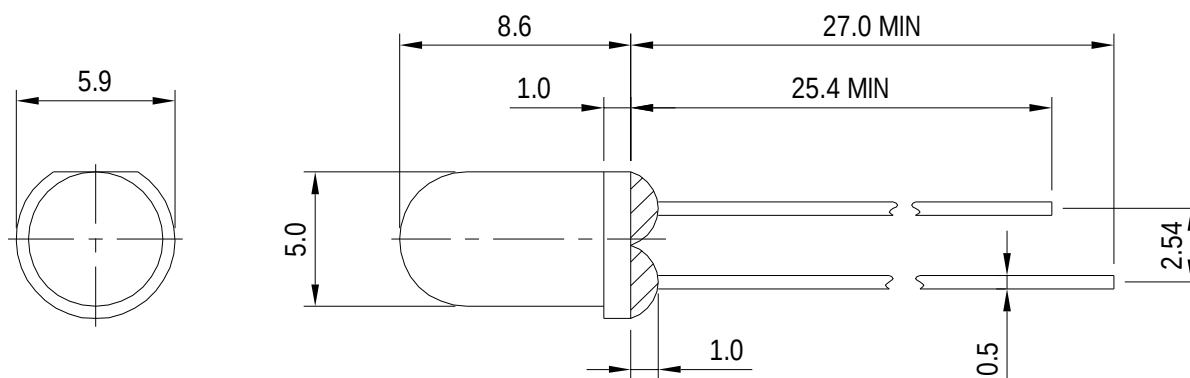
$$T_A = 25^{\circ}\text{C}$$

PARAMETER	SYMBOL	RATING	UNIT
POWER DISSIPATION	P AD	72.0	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 OR 3 SECONDS AT 250 °C			

ELECTRO - OPTICAL CHARACTERISTICS (電性)

$$T_A = 25^{\circ}\text{C}$$

PARAMETER	SYMBOL	CONDITION	MIN	TYP	MAX	UNIT
FORWARD VOLTAGE	V _F	I _F = 20mA	—	3.6	—	V
LUMINOUS INTENSITY	I _V	I _F = 20mA	—	2000	—	mcd
PEAK EMISSION WAVELENGTH	λ _P	I _F = 20mA	—	470	—	nm
REVERSE CURRENT	I _P	I _F = 5mA	—	—	100	μA



UNIT : mm
TOLERANCE : $\pm 0.2\text{mm}$
REV : B