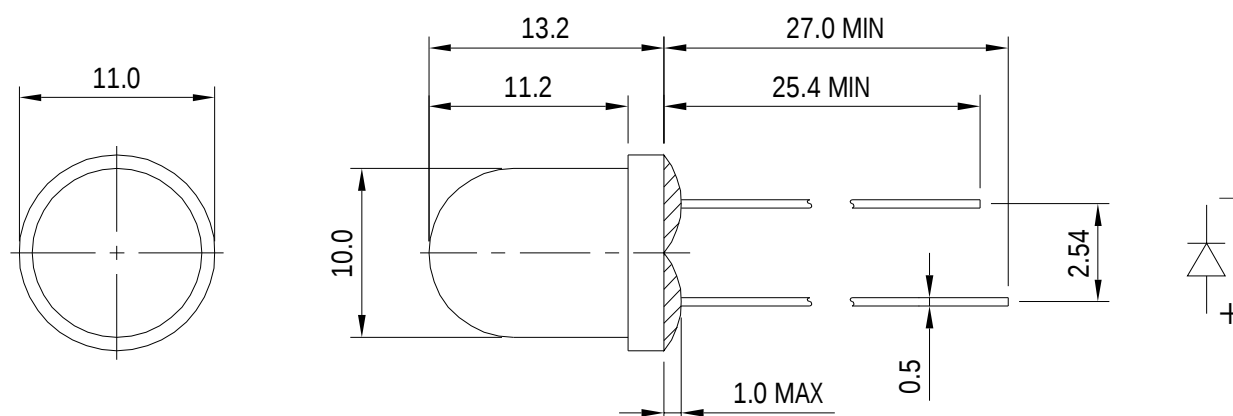


JOINSCAN LEDs

LED LAMP — ϕ 10.0mm SERIES	
MODEL NO.	L103YCW
EMITTING COLOR	ULTRA BRIGHT YELLOW
DICE	GaAlInP
LENS	Water Clear

ABSOLUTE MAXIMUM RATINGS (最大極限值)			
TA = 25℃			
PARAMETER	SYMBOL	RATING	UNIT
POWER DISSIPATION	P AD	44.0	mW
DERATING LINEAR FROM 25 ℃		0.27	m / ℃
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℃ TO + 85℃	
STORAGE TEMPERATURE	T STG	-25℃ TO + 85℃	
SOLDER TEMPERATURE 1 / 16 INCH BELOW SEATING PLANE FOR 5 SECONDS AT 230℃ OR 3 SECONDS AT 250℃			

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	—	5000	—	mcd
PEAK EMISSION WAVELENGTH	λ P	I F = 20mA	—	590	—	nm
REVERSE CURRENT	I P	I F = 5mA	—	—	100	μ A



UNIT : mm
TOLERANCE : ± 0.2 mm
REV : B