

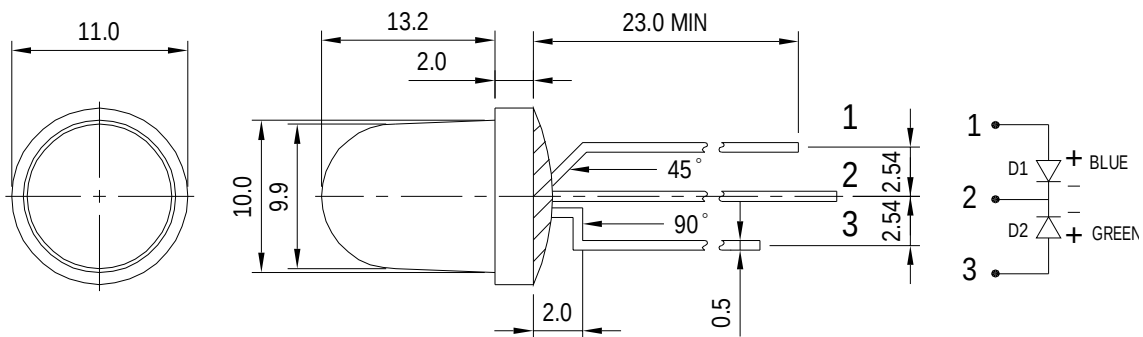
JOINSCAN LEDs

Ø 10.0 mm 3PINS DUAL COLOR DIFFUSION TYPE LED LAMP	
MODEL NO.	L1054MX
EMITTING COLOR	BLUE / GREEN
DICE	SiC / GaP
LENS	DIFFUSION TYPE

ABSOLUTE MAXIMUM RATINGS (最大極限值)			
TA = 25℃			
PARAMETER	SYMBOL	RATING	UNIT
D1 BLUE POWER DISSIPATION	P AD	72.0	mW
D2 GREEN POWER DISSIPATION	P AD	42.0	mW
DERATING LINEAR FROM 25℃		0.27	m / ℃
D1 BLUE CONTINUOUS FORWARD CURRENT	I AF	20.0	mA
D2 GREEN 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℃			

D1 BLUE ELECTRO - OPTICAL CHARACTERISTICS (電性)						
TA = 25℃						
PARAMETER	SYMBOL	CONDITION	MIN	TYP	MAX	UNIT
FORWARD VOLTAGE	V _F	I _F = 20mA	—	3.6	—	V
LUMINOUS INTENSITY	I _V	I _F = 20mA	—	50	—	mcd
PEAK EMISSION WAVELENGTH	λ _P	I _F = 20mA	—	470	—	nm
REVERSE CURRENT	I _R	V _R = 5V	—	—	100	μA

D2 GREEN ELECTRO - OPTICAL CHARACTERISTICS (電性)						
TA = 25℃						
PARAMETER	SYMBOL	CONDITION	MIN	TYP	MAX	UNIT
FORWARD VOLTAGE	V F	I F = 20mA	—	2.2	—	V
LUMINOUS INTENSITY	I V	I F = 20mA	—	20	—	mcd
PEAK EMISSION WAVELENGTH	λ P	I F = 20mA	—	570	—	nm
REVERSE CURRENT	I R	VR = 5V	—	—	100	μA



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