

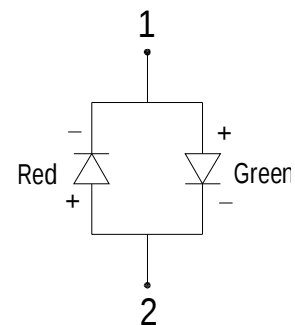
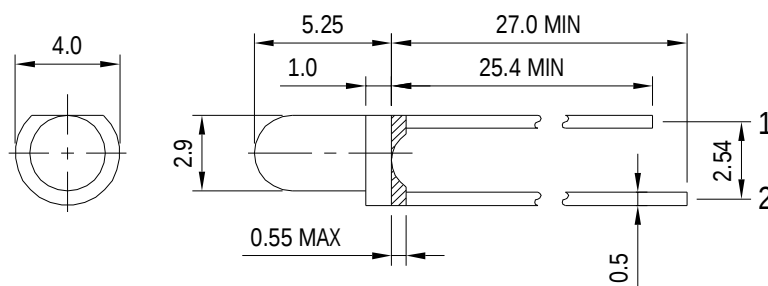
JOINSCAN LEDs

Ø 3.0 mm BICOLOR DIFFUSION TYPE LED LAMP	
MODEL NO.	L3081M+
EMITTING COLOR	RED / GREEN
DICE	GaAlAs / GaP
LENS	DIFFUSION TYPE

ABSOLUTE MAXIMUM RATINGS (最大極限值) TA = 25 °C			
PARAMETER	SYMBOL	RATING	UNIT
RED POWER DISSIPATION	P AD	54.0	mW
GREEN POWER DISSIPATION	P AD	44.0	mW
DERATING LINEAR FROM 25 °C		0.27	m / °C
RED CONTINUOUS FORWARD CURRENT	I AF	30.0	mA
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 °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			

RED ELECTRO - 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	—	75	—	mcd
PEAK EMISSION WAVELENGTH	λP	I F = 20mA	—	660	—	nm
REVERSE CURRENT	I R	VR = 5V	—	—	100	μA

GREEN 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	—	30	—	mcd
PEAK EMISSION WAVELENGTH	λP	I F = 20mA	—	570	—	nm
REVERSE CURRENT	I R	VR = 5V	—	—	100	μA



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