



TAIWAN OASIS LED DATA SHEET

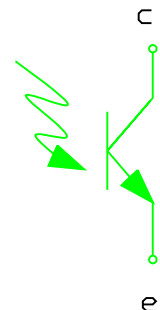
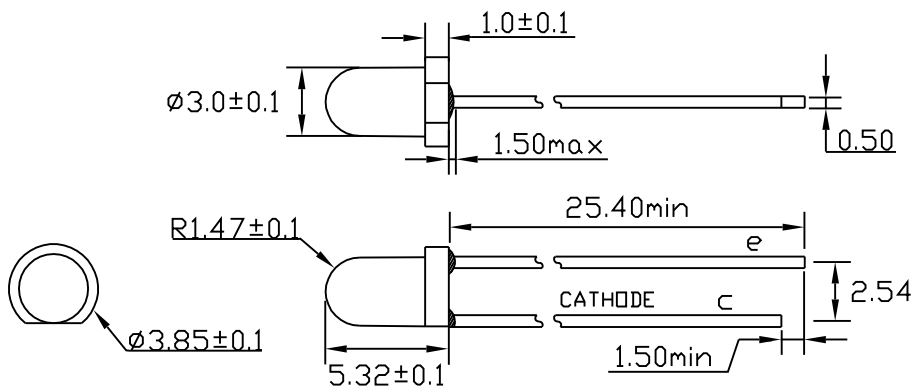
PART NO. : TOPS-030aTB2

ABSOLUTE MAXIMUM RATING (Ta = 25°C)

Parameter	Symbol	Data	Unit	Test Condition
Collector-Emitter Breakdown Voltage	BVceo	30	v	Ic=100uA Ib=0
Emitter-Collector Breakdown Voltage	BVeco	5	v	Ie=100uA Ib=0
Collector Dark Current	Id	0.3	uA	Vce=10v H=0mW/cm ²
Collector Light Current	IL	4	mA	Vce=10v 2856k 100lx
Collect Power Dissipation	Pcm	100	mW	
Rise/Fall Time	Tr/Tf	5	uS	R=50 2856k 100lx
Life Time	H	100'000	Hrs	Vce=10v
Peak collection Wavelength	P	900	nm	
Spectral Range		750~1050	nm	
Operating Temperature Rang		-25 °C	to	70 °C
Storage Temperature Range		-30 °C	to	100 °C
Lens Color		Black		

PACKAGE DIMENSIONS:

INTERNAL CIRCUIT DIAGRAM:



DATE	09/18/00'	SCALE	2.5:1	TOLERANCE	±0.25 ANGLE ±6°	DRAWN	华明亮	CHECKED	
UNIT	M/M	SHEET NO.	1/1	DRAWING NO.	S-030aTB2-A	CUSTOMER		APPROVED	