



本規格書為 **LED SMD** 產品型號：ST-352819YCBIC9V-D0 相關規格

產品規格：

Emitted color : Blue

Lens Color : Water Clear

Dice : InGaN/SiC

Absolute Maximum Ratings (Tj = 25°C)

Parameter	Value	Unit
Power Dissipation	75	mW
Continuous Forward Current	20	mA
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	100	mA
Reverse Voltage	5	V
Operating Temperature Range	-40to +85	°C
Storage Temperature Range	-40to +100	°C
Lead Solder Temperature :	260°C for 5 seconds	

Electrical-Optical Characteristics (Tj = 25°C)

Parameter	Symbol	MIN	TYP	MAX	UNIT	TEST CONDITION
Forward Voltage	VF	3.0		3.4	V	If=20mA
Wavelength	λ_d	450		470	nm	
Reverse Current	IR			50	μA	VR=5V
Luminous Intensity	IV	192		710	mcd	If=20mA
Recommend Forward Current	If(Rec)				mA	
Full Viewing Angle	$2\theta_{1/2}$		120		deg	If=20mA



($I_F=20\text{mA}$)

Rank	A	B	C	D	E
Luminous Intensity (mcd)	192 ~ 250	250 ~ 325	325 ~ 420	420 ~ 546	546 ~ 710

($I_F=20\text{mA}$)

Rank	A	B	C	D
Dominant Wavelength (nm)	450~452.5	452.5~455	455~457.5	457.5~460
	E	F	G	H
	460~462.5	462.5~465	465~467.5	467.5~470

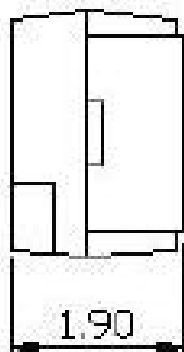
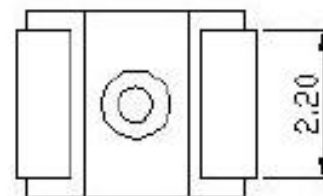
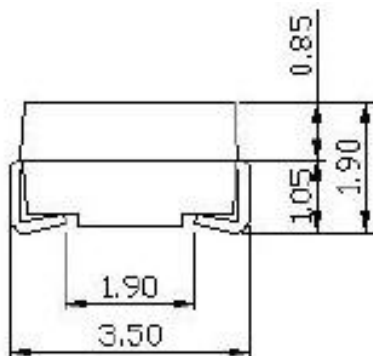
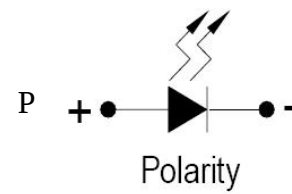
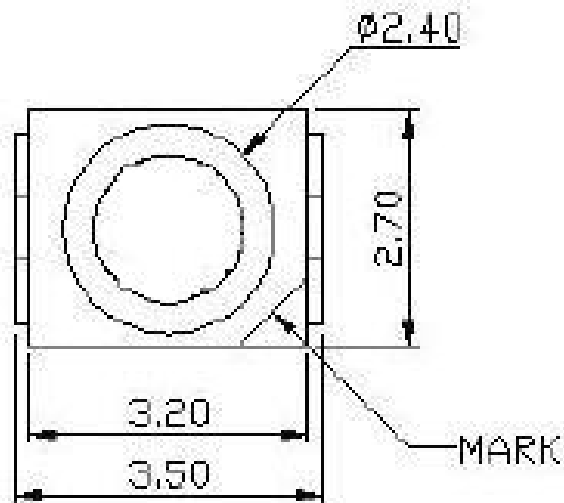


ROYAL LIGHT ELECTRONICS CO., LTD.

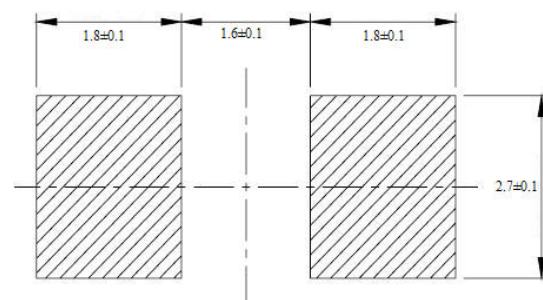
OUTLINE DIMENSIO

TOLERANCE :0.2

UNIT : mm



For reflow soldering (propose)



www.royal-light.com.tw

E-mail: sales@royal-light.com.tw