



本規格書為 **LED SMD** 產品型號：ST-352819YCGFD5V-D0 相關規格

產品規格：

Emitted color : Green

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	515		535	nm	
Reverse Current	IR			50	μA	VR=5V
Luminous Intensity	IV	750		2140	mcd	If=20mA
Recommend Forward Current	If(Rec)				mA	
Full Viewing Angle	$2\theta_{1/2}$		120		deg	If=20mA



($I_F=20mA$)

Rank	E	F	G	H
Luminous Intensity (mcd)	750 ~ 975	975 ~ 1265	1265 ~ 1645	1645 ~ 2140

($I_F=20mA$)

Rank	C	D	E	F
Dominant Wavelength (nm)	515~517.5	517.5~520	520~522.5	522.5~525
	G	H	I	J
	525~527.5	527.5~530	530~532.5	532.5~535

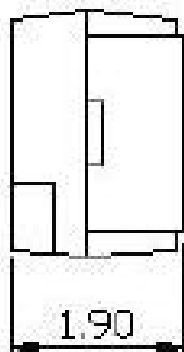
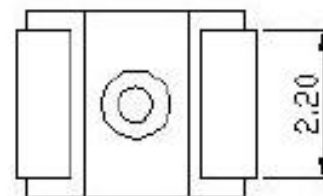
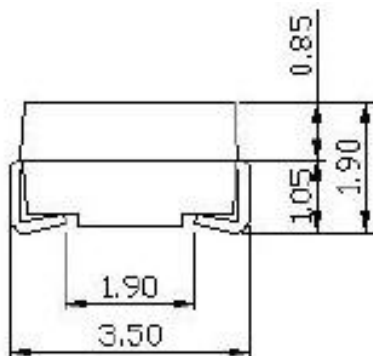
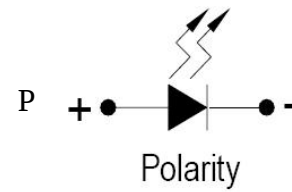
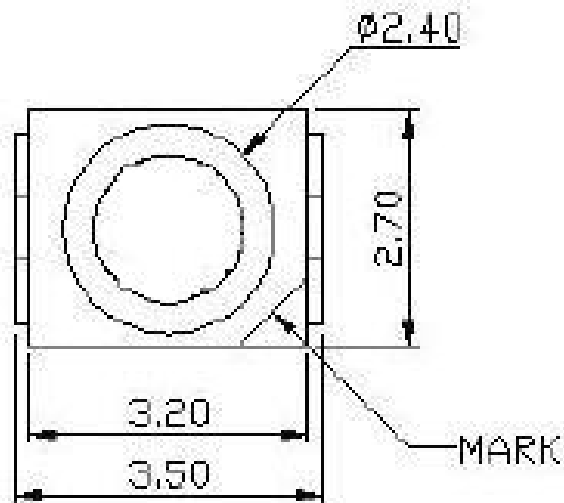


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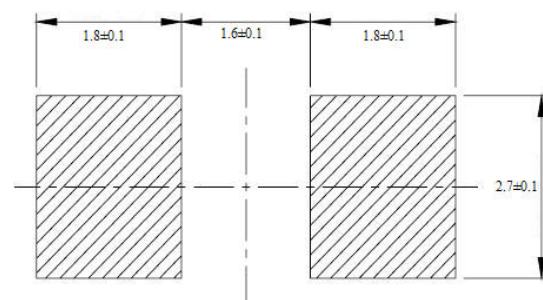
OUTLINE DIMENSIO

TOLERANCE :0.2

UNIT : mm



For reflow soldering (propose)



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