



本規格書為 **LED SMD** 產品型號：SS-302013YCYBD1V-D0 相關規格

產品規格：

Emitted color : Yellow

Lens Color :

Dice : AlGaInP

Absolute Maximum Ratings (Tj = 25°C)

Parameter	Value	Unit
Power Dissipation	80	mW
Continuous Forward Current	25	mA
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	100	mA
Reverse Voltage	5	V
Operating Temperature Range	-30to +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		2.0	2.4	V	If=20mA
Wavelength	λ_d	584	589	594	nm	
Reverse Current	IR			50	μA	VR=5V
Luminous Intensity	IV	520		700	mcd	If=20mA
Recommend Forward Current	If(Rec)				mA	
Full Viewing Angle	$2\theta_{1/2}$		120		deg	If=20mA



ROYAL LIGHT ELECTRONICS CO., LTD.

LUMINOUS INTENSITY GROUPS:

LUMINOUS INTENSITY GROUPS :

SS-302013YCYBD1V-D0	
Rank	Iv(mcd)
P	160-250
Q	250-360
R	360-520
S	520-700
T1	700-800
T2	800-1000

WAVELENGTH GROUPS :

SS-302013YCYBD1V-D0	
Rank	λ d (nm)
Y1	584-586
Y2	586-588
Y3	588-590
Y4	590-592
Y5	592-594

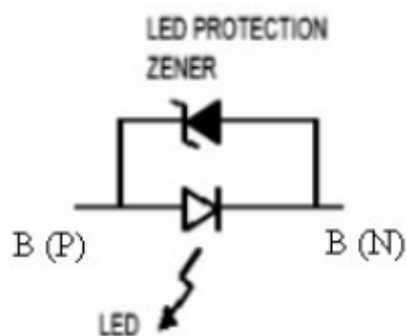
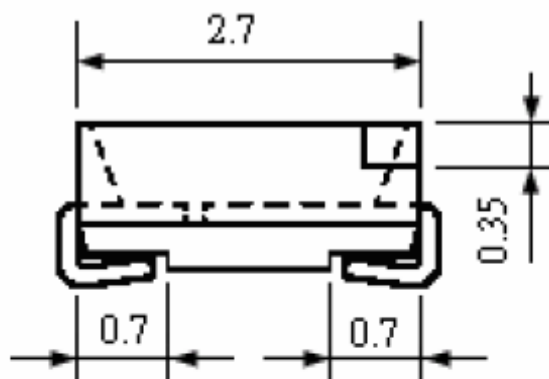
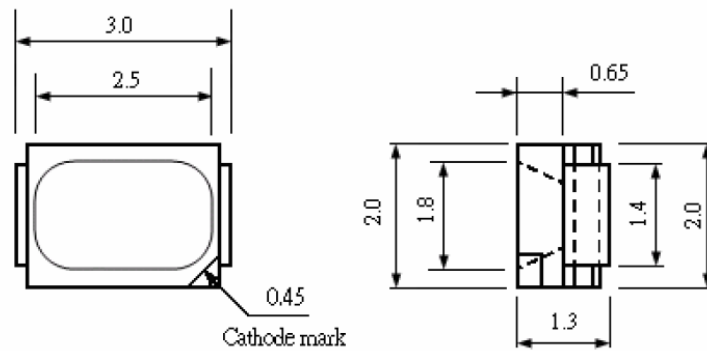


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OUTLINE DIMENSIO

TOLERANCE :0.2

UNIT : mm



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