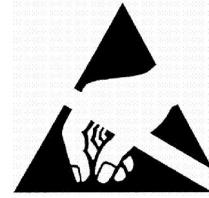


◆Features:

- ◆Super high flux output and high luminance
- ◆Extremely wide viewing angle
- ◆Suitable for all SMT assembly and solder process
- ◆Available on tape and reel
- ◆Package:3000pcs/reel
- ◆ROHS compliant



ATTENTION
OBSERVE PRECAUTIONS
FOR HANDLING
ELECTROSTATIC
DISCHARGE
SENSITIVE
DEVICES

◆ABSOLUTE MAXIMUM RATING (Ta=25℃)

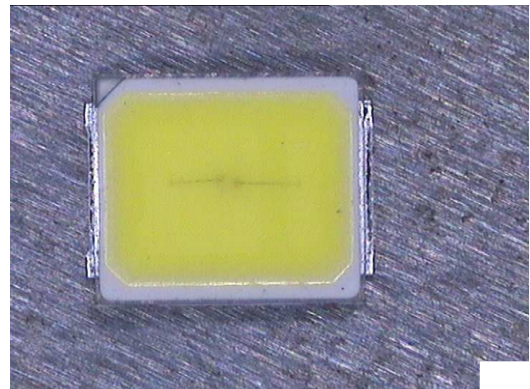
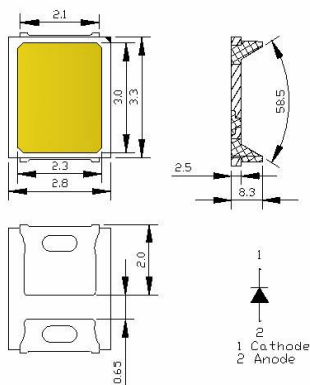
Item	Symbol	Value	Unit
Peak Forward Current	IFp	150	mA
Reverse Voltage	VR	5.0	V
Continuous Forward Current	IF	60	mA
Recommend Operating Current	IF	55	mA
Operating Temperature	Topr	-40 to 85	℃
Storage Temperature	Tstg	-40 to 100	℃
Lead Soldering Temperature	Tsol	260℃ For 3 Seconds	

◆CHARACTERISTICS (Ta=25℃)

Parameter	Condition	Symbol	Min	Typ	Max	Units
Power Dissipation	IF=60mA	Pd	—	200	—	mw
Correlated Color Temperature	IF=60mA	CCT	5000	/	8000	K
Forward Voltage	IF=60mA	VF	2.8	3.2	3.8	v
Reverse Current	VR=5V	IR	/	/	10	μA
Chromaticity Coordinates	IF=60mA	X	/	0.31	/	
	IF=60mA	Y	/	0.33	/	
Luminous Intensity	IF=60mA	IV	1900	/	2900	mcd
Luminous Flux	IF=60mA	Φv	17	22	25	LM
Color Rendering Index	IF=60mA	CRI	/	70	/	Ra
Full Viewing Angle	IF=60mA	2θ 1/2	/	120	/	deg

◆PACKAGE DIMENSIONS

◆实物图



REMARK: 1:1

Date	2012-10-15	Page	1/1	Model No.	SD2835WN	CHECKED
REV No.	A0	Document No.	1902835005	CUSTOMER		APPROVED

NOTE: Testing tolerance: VF±0.1V, IV(Φv) ±10%, 2θ 1/2 ±10%, CCT (λD) ±15%;