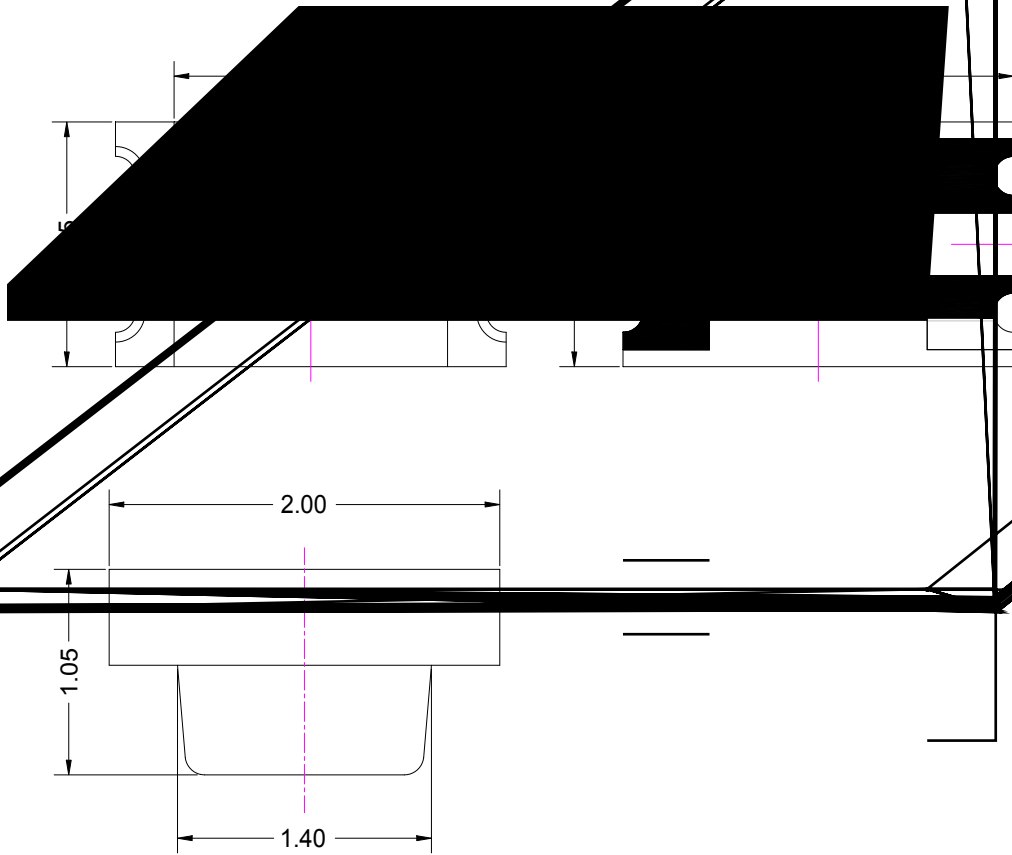




Wen Li	Fang Yang	Jiang Yang	Fang Wang



Tolerance: 0.25(0.01)





3 Characteristic

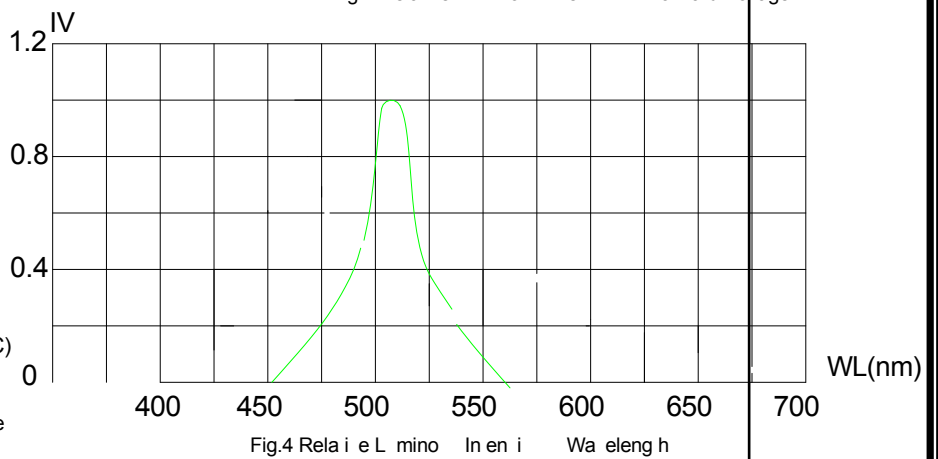
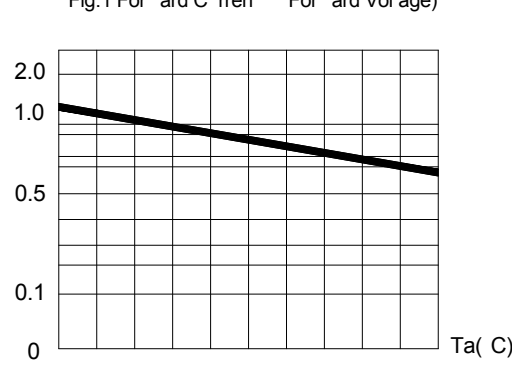
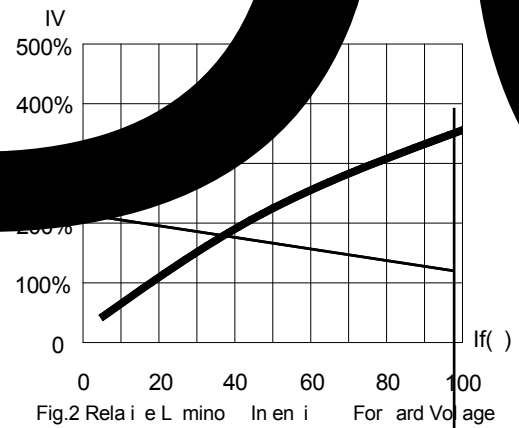
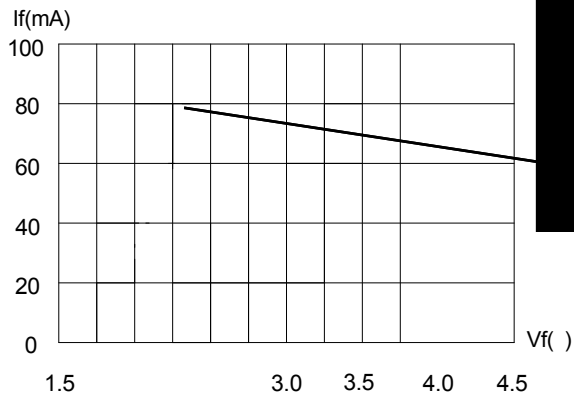
Forward current	If	30	mA
Reverse voltage	Vr	5	V
Power dissipation	Pd	110	mW
Operating temperature range	Top	-25 +80	C
Storage temperature range	Tg	-30 +80	C
Peak pulsed current 1/8 d f=1KH	Ifp	125	mA

Wavelength at peak emission	If=20mA	peak	620	625	630	nm
			515	520	525	
			460	465	470	
Spectral half bandwidth	If=20mA			10		
			1.8	2.0	2.4	
Forward voltage	If=20mA	Vf	3.0	3.3	3.6	V
			3.0	3.3	3.6	
			400	550	650	
Luminous intensity	If=20mA	I	800	1100	1300	mcd
			200	250	350	
Viewing angle at 50% IV	If=10mA		--	120	--	Deg

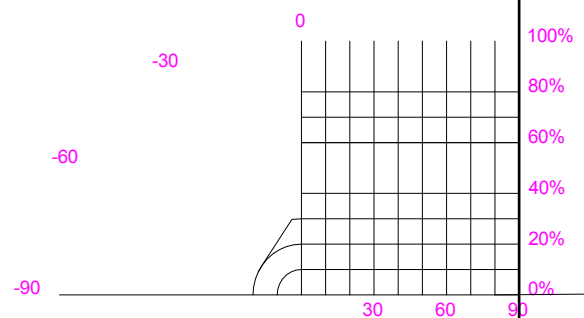
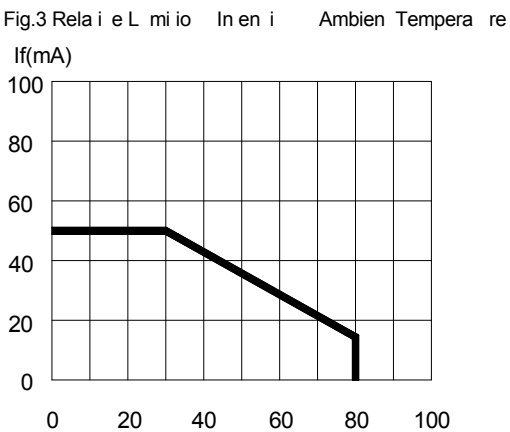


Re er e c rren	Vr=5V	Ir	--	--	5	A
U ef l life	-	IF=20mA	100000			H

Typical Electrical/Optical Characteristics Curve
(Ta=25 Unless Otherwise Noted)

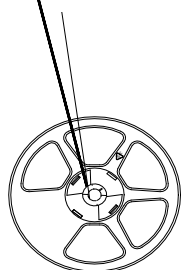
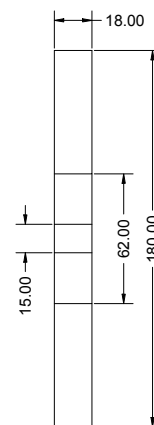
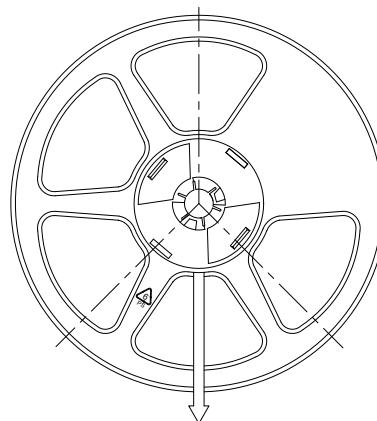
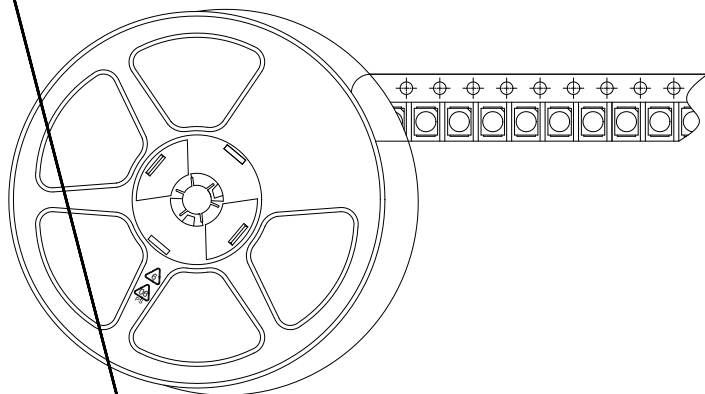


Direct Emission Characteristics





/



Diame er:180.0mm
Wid h:18mm
SMD0805R 4000pc /Reel
An i-S a ic Shielding
Black Reel

An i-S a ic Shielding
1 Reel / Bag (T=0.1mm)

10 Bag / 1 Inner Bo
SMD0805R
40,000pc /Inner Bo