



Electrical / Optical Characteristics at TA=25°C

Symbol	Parameter	Device	Wafer	Min.	Typ.	Max.	Units	Test Conditions
Iv	Luminous Intensity	XK4MD2BBA12SGW85	MD BBA SG	480 280 110	1095 647 297	-	med	IF=20mA IF=20mA IF=40mA
2θ1/2	Viewing Angle		MD BBA SG	-	40	-	deg	-
VF	Forward Voltage		MD BBA SG	-	7.6 6.4 12.6	10 8 15	V	IF=20mA IF=20mA IF=40mA
λP	Peak Wavelength		MD BBA SG	-	640 468 574	-	nm	IF=20mA IF=20mA IF=40mA
λD	Dominate Wavelength		MD BBA SG	-	628 470 568	-	nm	IF=20mA IF=20mA IF=40mA
Δλ1/2	Spectral Line Half-width		MD BBA SG	-	27 21 26	-	nm	IF=20mA IF=20mA IF=40mA
IR	Reverse Current			-	-	40	uA	VR = 5V

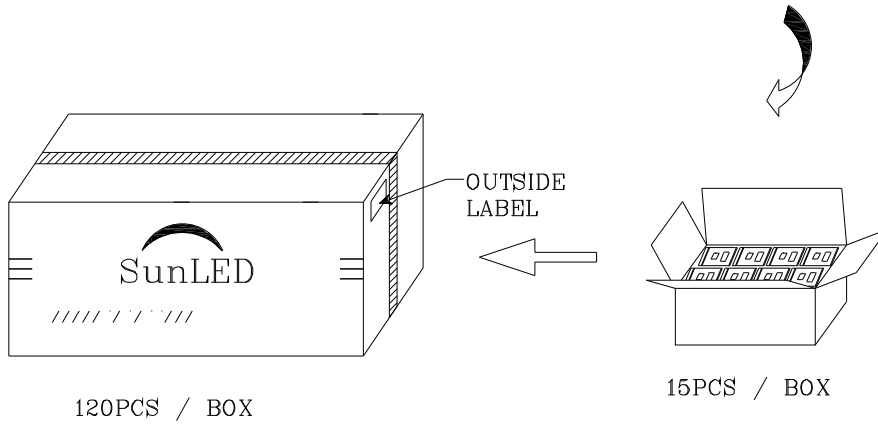
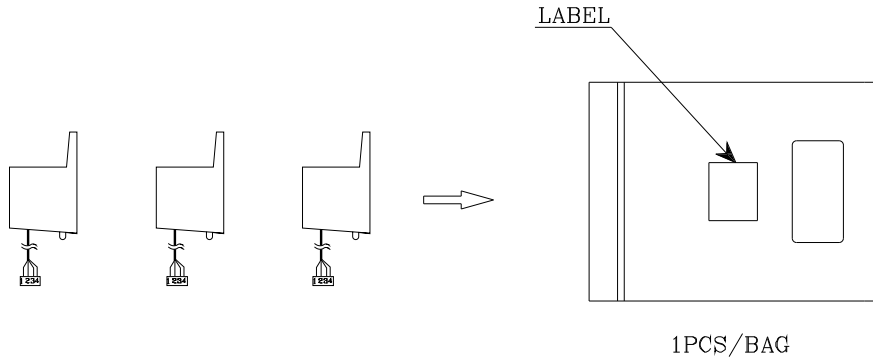

Absolute Maximum Ratings at TA=25°C

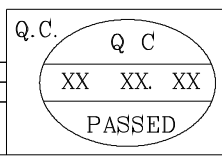

Parameter	Type		Units
Total Power dissipation	MD	1200	mW
	BBA		
	SG		
DC Forward Current	MD	25	mA
	BBA	25	
	SG	50	
Reverse Voltage	5		V
Operating Temperature	-40 To +70		°C
Storage Temperature	-40 To +85		°C



PACKING & LABEL SPECIFICATIONS

XK4MD2BBA12SGW85

	
P/NO : XKxxx	
QTY : 1pcs	CODE: XXX
S/N : XX	
LOT NO:	
 xxxxxxxxxxxxxxxxxxxxxxxx	
RoHS Compliant	