

BW-683 WT-DT

Initial Electrical/Optical Characteristics (Ta= 25°C)

Items	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage	V_F	$I_F=20mA$	3.0	3.4	3.6	V
Reverse Current	I_R	$V_R=5V$	0.0	1.0	50.0	μA
Color Coordinates	x	$I_F=20mA$	0.25	0.28	0.33	
	y	$I_F=20mA$	0.25	0.29	0.33	
Luminous Intensity	I_V	$I_F=20mA$	2.5	3.4	4.5	cd
Viewing Angle	deg	$I_F=20mA$		105		deg

*The value is for one LED circuit.

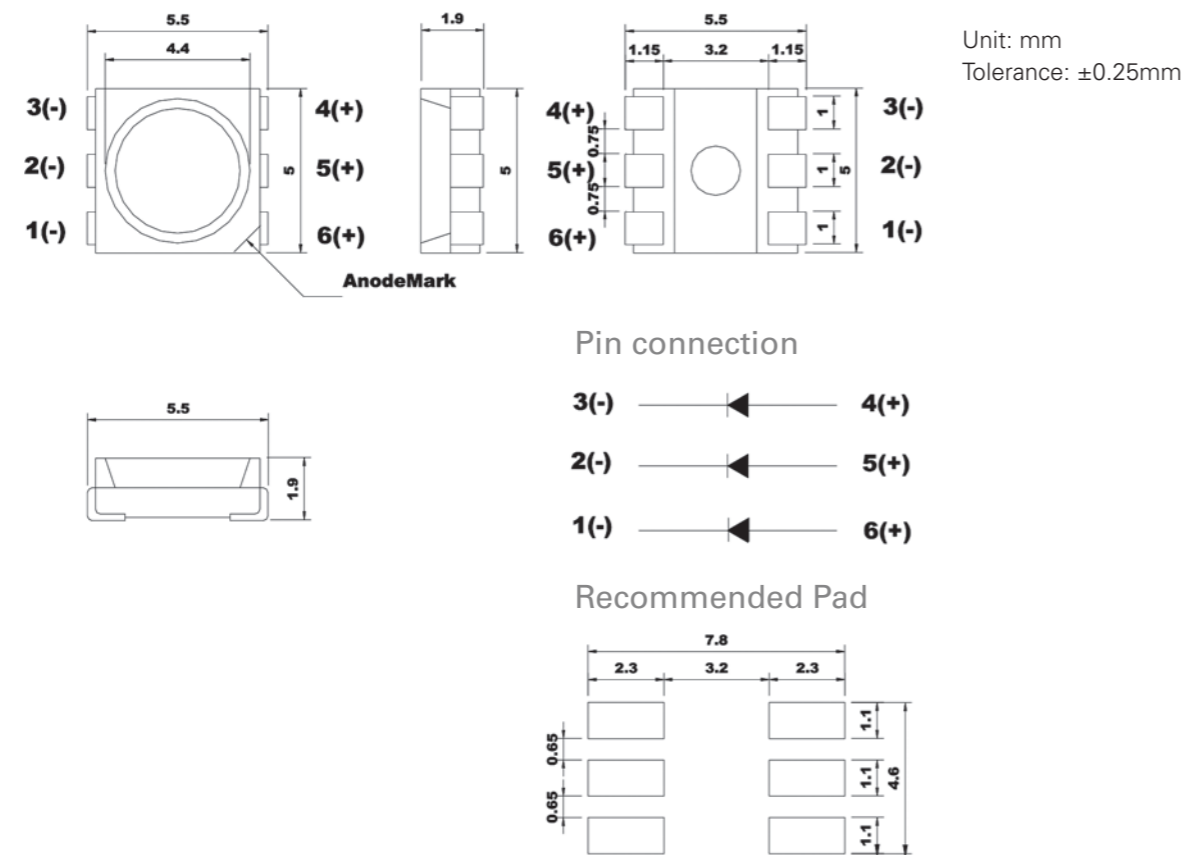
**The Forward Voltage tolerance is $\pm 0.03V$.

**The CIE value tolerance is ± 0.005 unit.

***Luminous intensity, CIE and view angle data are the values when 5 circuits are lit simultaneously.

The luminous intensity tolerance is ± 0.1 cd.

Dimension and Recommend Solder Pattern



Absolute Maximum Ratings (Td= 25°C)

Series	$I_F(mA)$	$I_{FP}(mA)$	$V_R(V)$	$T_{OP}(^{\circ}C)$	$T_{ST}(^{\circ}C)$
BW-683 WT-DT	25	100	5	-40~+80	-40~+85

7 inch Anti-Static Reel

Max. 1000 pcs / reel