

## 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	$\mu A$
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.

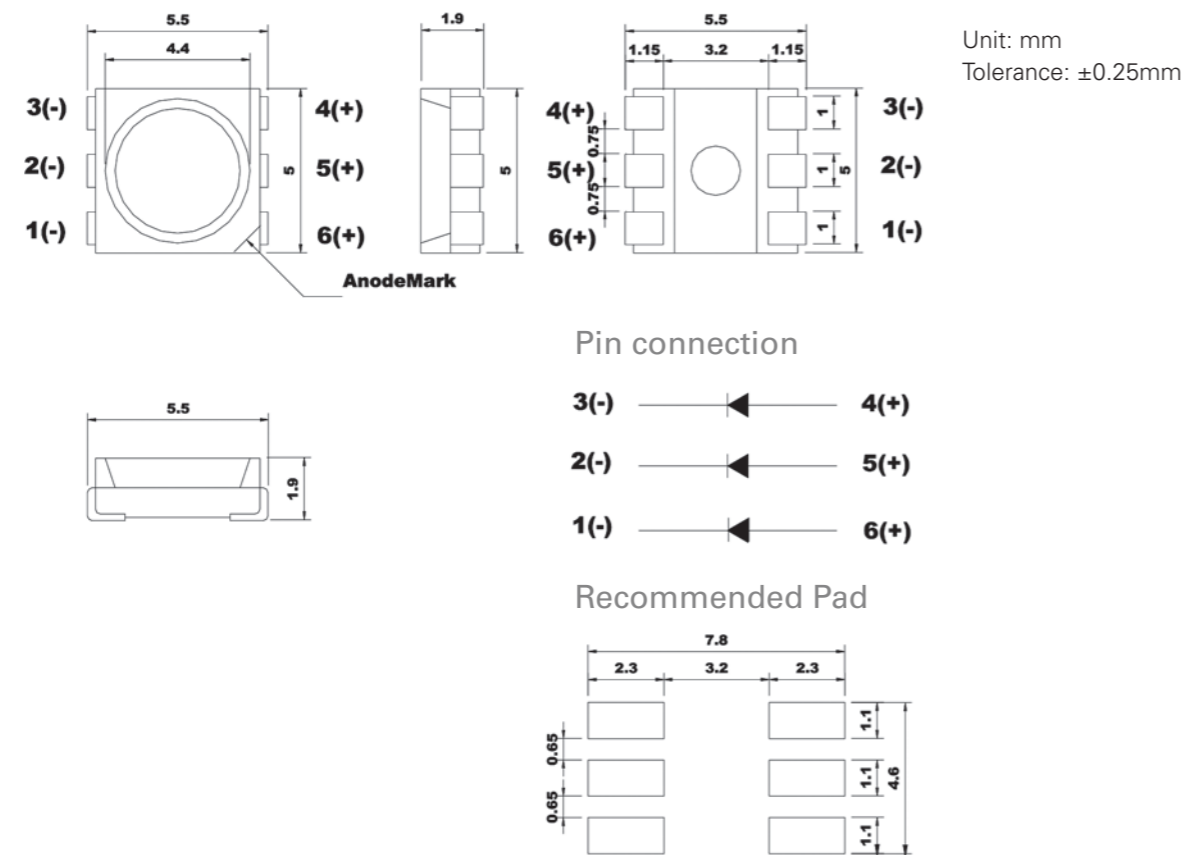
\*\*The Forward Voltage tolerance is  $\pm 0.03V$ .

\*\*The CIE value tolerance is  $\pm 0.005$  unit.

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

The luminous intensity tolerance is  $\pm 0.1$  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