Absolute Maximum Ratings at Ta=25℃

Parameters	Symbol	Max.	Unit
Power Dissipation Per Dot	PD	100	mW
Peak Forward Current Per Dot (1/10 Duty Cycle, 0.1ms Pulse Width)	IFP	100	mA
Forward Current Per Dot	IF	25	mA
Dating Linear From 50℃		0.4	mA/℃
Reverse Voltage	VR	5	V
Operating Temperature Range	Topr	-40℃ to +80℃	
Storage Temperature Range	Tstg	-40℃ to +85℃	
Soldering Temperature	Tsld	260℃ for 5 Seconds	

Electrical Optical Characteristics at Ta=25℃

Parameters	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity (Note 1) *	IV	45.0	90.0	---	mcd	IF=20mA
Luminous Intensity Matching Ratio (Dot To Dot)	I_{v-m}	---	---	2:1		IF=10mA
Chromaticity Coordinates (Note 2)	X	---	0.28	---		IF=20mA
	Y	---	0.29	---		
Forward Voltage	VF	---	3.2	4.0	V	IF=20mA
Reverse Current	IR	---	---	50	μA	V_R=5V

Notes:

1. Luminous Intensity Measurement allowance is ± 10%.
2. It use many parameters that correspond to the CIE 1931 2°. X, Y, and Z are CIE 1931 2° values of Red, Green and Blue content of the measurement.