

# L120TWYG5L

## Yellow/Hi-Eff Green

3mm, Flanged Cylindrical, 4.5mm Height  
55° viewing angle

DWG BY:  
BL / GP  
06-15-07

CHK BY:  
PL  
09-11-07

QA:  
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MFG:  
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REVISION LTR: -

09-11-07



● **Electrical and optical characteristics(Ta=25°C)**

Parameter	Symbol	Condition	Color	Min.	Typ.	Max.	Unit
Forward Voltage	V <sub>F</sub>	I <sub>F</sub> =20mA	Yellow Green	-	2.1 2.2	2.6 2.6	V
Luminous Intensity	I <sub>v</sub>	I <sub>F</sub> =20mA	Yellow Green	-	7 15	-	mcd
Reverse Current	I <sub>R</sub>	V <sub>R</sub> =5V	Yellow Green	-	-	100	μA
Peak Wave Length	λ <sub>p</sub>	I <sub>F</sub> =20mA	Yellow Green	- -	585 567	- -	nm
Dominant Wave Length	λ <sub>d</sub>	I <sub>F</sub> =20mA	Yellow Green	- -	587 572	- -	nm
Spectral Line Half-width	Δλ	I <sub>F</sub> =20mA	Yellow Green	- -	36 30	-	nm
Viewing Angle	2θ <sub>1/2</sub>	I <sub>F</sub> =20mA	Yellow Green	-	55	-	deg
Chromaticity Coordinates	X	I <sub>F</sub> =20mA	Yellow	-	0.56	-	
	Y				0.44		
Chromaticity Coordinates	X	I <sub>F</sub> =20mA	Green	-	0.46	-	
	Y				0.53		

● **Typical Electro-Optical Characteristics Curves**

