# 14.2mm (0.56") Dual Digit Common Cathode LED Display





#### **Specifications**

Dice Material : GaP
Peak Wave Length : 568 nm
Emitted Colour : Green

Lens Colour : White Diffused

IV(mcd) : 2.2 Surface Ink Colour : Black

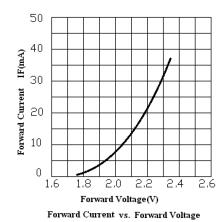
### Electrical / Optical Characterisitics at TA = 25°C

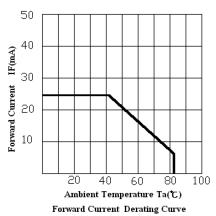
Parameter	Symbol	Min	Тур	Max	Unit	Test
Luminous Intensity	IV	1.2	2.2	3.6	mcd	
Viewing Angle	201/2	-	-	-	deg	
Peak Emission Wavelength	λр	-	568	-	nm	IE - 20m A
Dominant Wavelength	λD	-	570	-	nm	IF = 20mA
Spectral Line Half-Width	Δλ	-	30	-	nm	
Forward Voltage	VF	1.8	2.2	2.6	V	
Power Dissipation	Pd	-	-	85	mW	
Peak Forward Current (Duty1/10 @ 1kHz)	Ir (Peak)	-	-	100	mA	
Recommended Operating Current	T <sub>F</sub> (Rec)	-	20	-	mA	

### Absolute Maximum Rating T<sub>A</sub> = 25°C

Reverse Voltage	5 Volt		
Reverse Current	10μA (VR=5V)		
Operating Temperature Range	-40°C to +85°C		
Storage Temperature Range	-40°C to +100°C		
Lead Soldering Temperature Range (1.6mm (1/16 inch) from body)	260°C For 5 Seconds		

### **Typical Electro-Optical Characteristics Curves**



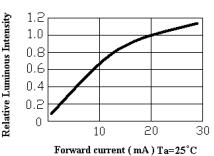


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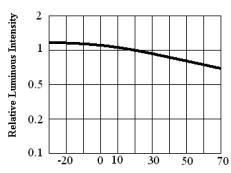


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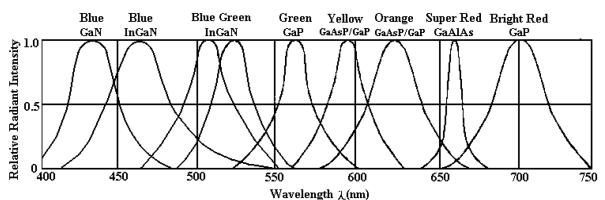




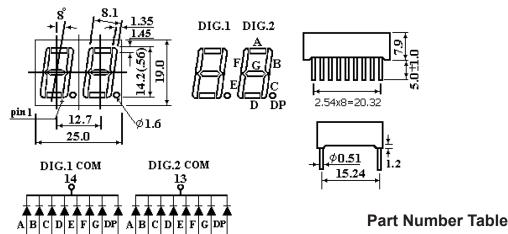
Forward current ( mA )  $Ta=25^{\circ}C$ Luminous Intensity vs. Forward current



 $\label{eq:ambient Temperature Ta= $^{\circ}$C} \\ Luminous Intensity vs. Ambient Temperature$ 



RELATIVE INTENSITY VS. WAVELENGTH



Dimensions : Millimetres Tolerance : ±0.25mm

1615321181741110865127

Description	Part Number		
14.2mm (0.56") Dual Digit Common	LD0565GWK		

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