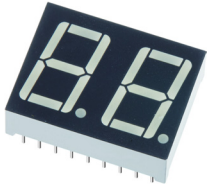


0.56" Dual Digit Common Cathode LED Display



Specifications

Dice Material	: GaAlAs
Peak Wave Length	: 660 nm
Emitted Colour	: Super Red
Lens Colour	: White Diffused
IV(mcd)	: 4.2
Surface Ink Colour	: Black

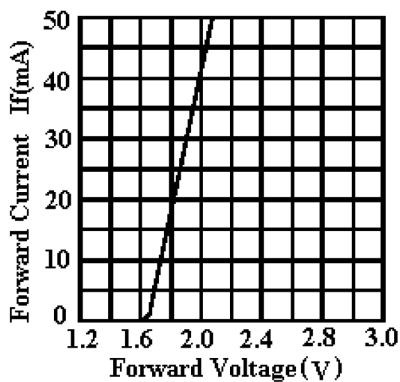
Electrical / Optical Characteristics at TA = 25°C

Parameter	Symbol	Min	Typ	Max	Unit	Test
Luminous Intensity	IV	2.2	4.2	6.5	mcd	IF = 20mA
Viewing Angle	2Θ1/2	-	-	-	deg	
Peak Emission Wavelength	λp	-	660	-	nm	
Dominant Wavelength	λD	-	643	-	nm	
Spectral Line Half-Width	Δλ	-	20	-	nm	
Forward Voltage	VF	1.7	1.85	2.5	V	
Power Dissipation	Pd	-	-	85	mW	
Peak Forward Current (Duty 1/10 @ 1kHz)	IF (Peak)	-	-	100	mA	
Recommended Operating Current	TF (Rec)	-	20	-	mA	

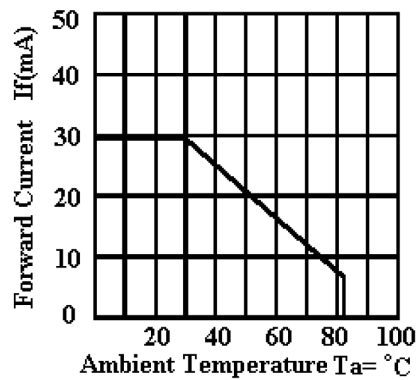
Absolute Maximum Rating TA = 25°C

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

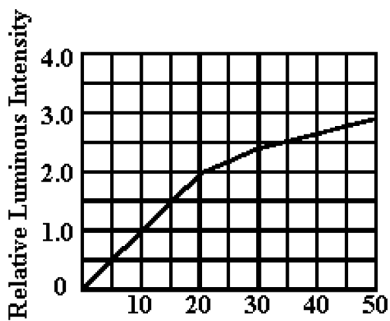


Forward current vs. Forward Voltage

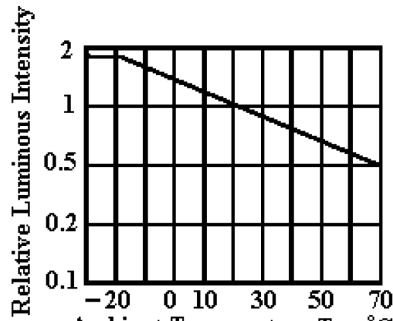


Forward current Derating curve

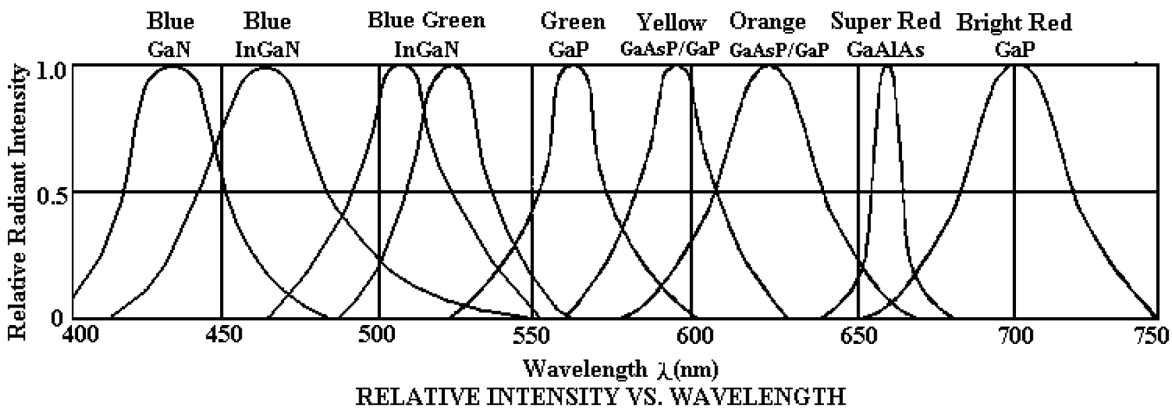
0.56" Dual Digit Common Cathode LED Display



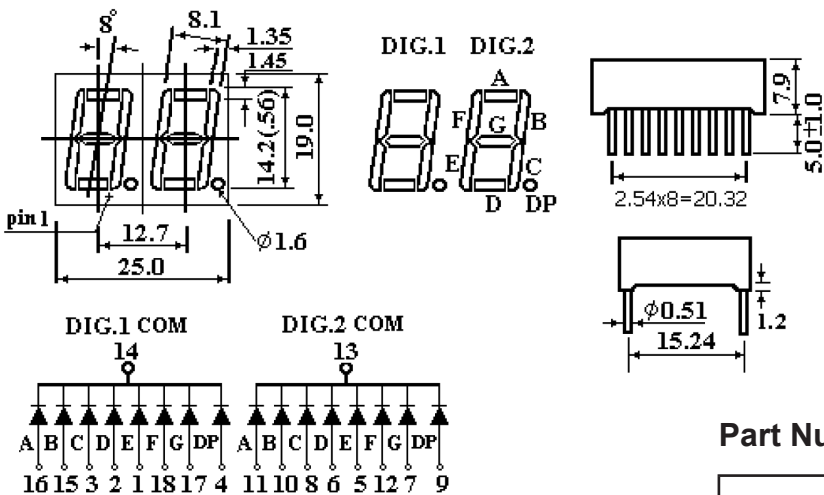
Luminous Intensity vs. Forward current



Luminous Intensity vs. Ambient Temperature



RELATIVE INTENSITY VS. WAVELENGTH



Part Number Table

Description	Part Number
0.56" Dual Digit Common Cathode LED Display, Super Red	LD0565SRWK

Dimensions : Millimetres
Tolerance : $\pm 0.25\text{mm}$

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