



光之宝

lightBO

深圳光之宝科技有限公司

Shenzhen Guangzhibao Technology Co.,Ltd.

SPECIFICATION FOR APPROVAL

DESCRIPTION : 0.56" 2-Digit Com Cathode Pure Green 7 Segment LED Display

PART NUMBER : LB20561LG0B

CUSTOMER : _____

拟制 (PREPARED BY) LI PEIWEI

审核 (CHECKED BY) : WEN WU

批准 (APPROVED BY) : LIU ZHIYONG

日期 (DATE): 2019.12.19

客户承认 (APPROVED BY CUSTOMER):

签名 (SIGNED): _____ 职务 (TITLE): _____ 日期 (DATE): _____

Add: Room 619, 6/F, A-Fontane Center, Jinlong Industrial Town, No. 88, Daxin Road,
Nantou Street, Nanshan District, Shenzhen Guangdong 518052 China

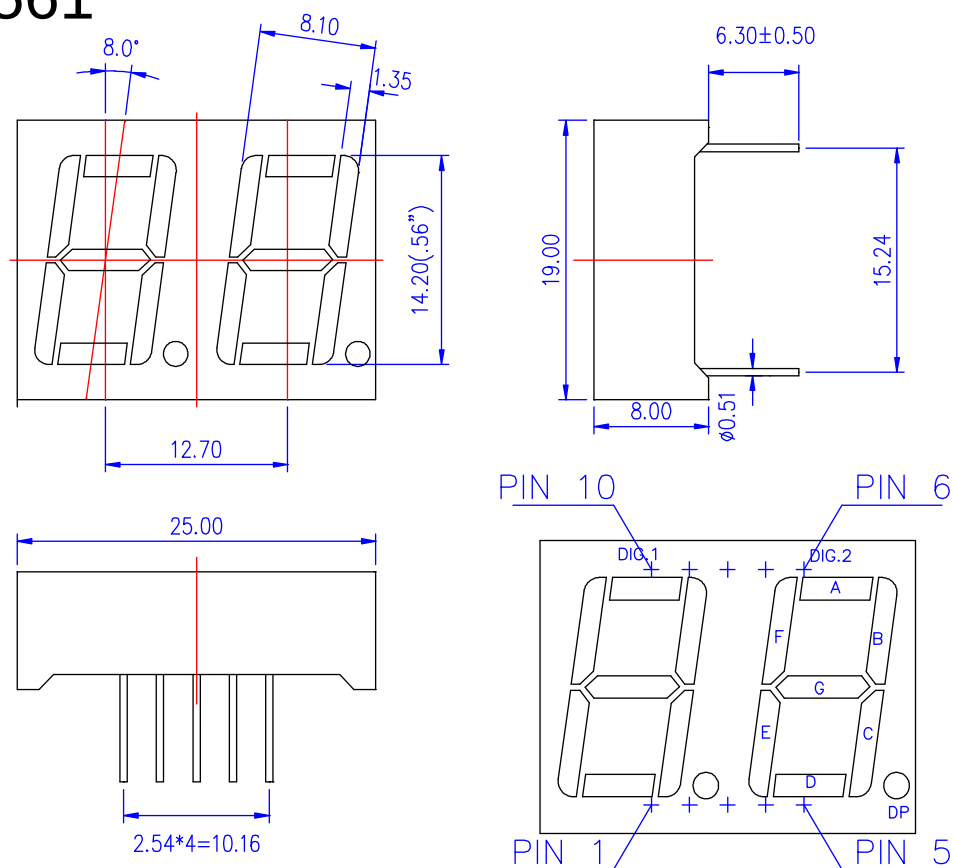
Tel: (86 755) 8398 3496

Fax: (86 755) 8398 3484

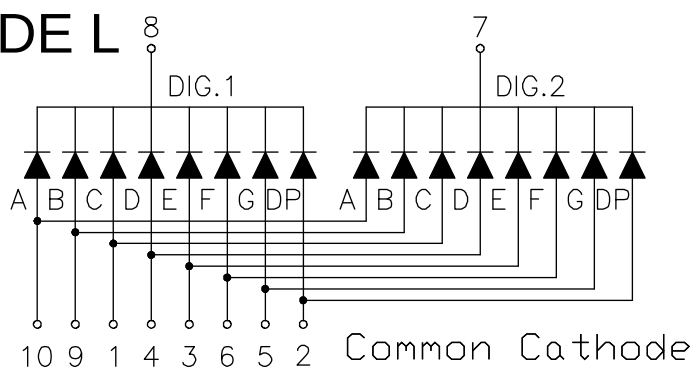
Web: www.lightbo.cn

E-mail: lightbo@lightbo.cn

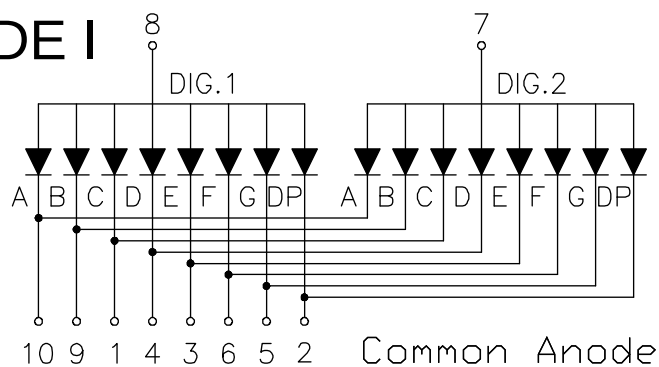
LB20561



CODE L



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LB20561LG0B

2-Digit LED Display

一 . Feature

01. Package dimensions: 25*19*8(mm)
02. Digit height: 14.2mm (0.56inch)
03. Common Cathode
04. White segments grey face
05. Emitting color: Pure Green
06. High luminous intensity and reliability
07. Low current operation
08. Stable performance
09. Continuous uniform segments
10. Easy assembly
11. IC compatible
12. Meet RoHS

二 . Absolute Maximum Ratings ($T_a = 25^{\circ}\text{C}$)

Parameter	Symbol	Rating	Unit
Forward Current(per led)	I_{PM}	20	mA
Reverse Voltage(per led)	V_R	5	V
Power Dissipation(per led)	P_M	70	mW
Operating Temperature	T_{opr}	-40~+85	$^{\circ}\text{C}$
Storage Temperature	T_{STg}	-40~+85	$^{\circ}\text{C}$
Solder Temperature ($\leq 3\text{sec}$)	T_h	260	$^{\circ}\text{C}$

Code: G-Pure Green

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage (Per dice)	Vf	If=20mA	2.8		3.3	V
Reverse Voltage (Per dice)	Vr	Ir=10uA		5		V
Luminous Intensty (Per dice)	Iv	If=20mA	120		140	mcd
Spectrum With Of Half Value	△	If=20mA		22		nm
Wavelength	D	If=20mA	520		525	nm
Peak Forward Current (Per dice) 1/10 Duty Cycle,0.1ms Pulse	Ifp	100				mA
Operating Temperature Range	Topr	- 35 ℃ to 85 ℃				
Storage Temperature Range	Tstg	- 35 ℃ to 85 ℃				
Solder Temperature 1.5mm below seating plane for 3 Seconds at 260 ℃						

Absolute Maximum Rating at Ta=25°C

Fig.1

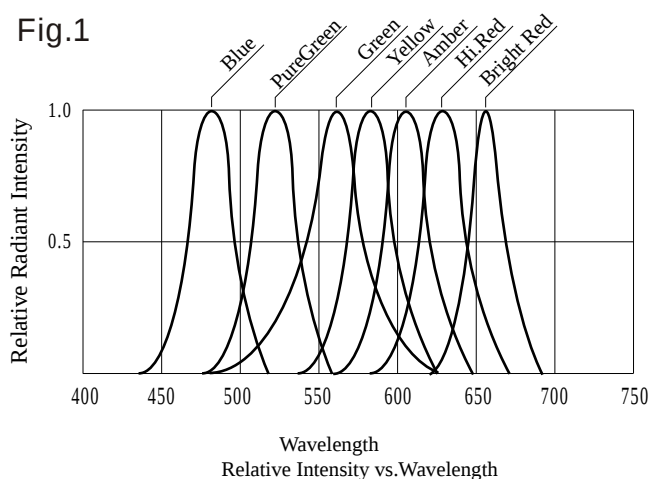


Fig.2

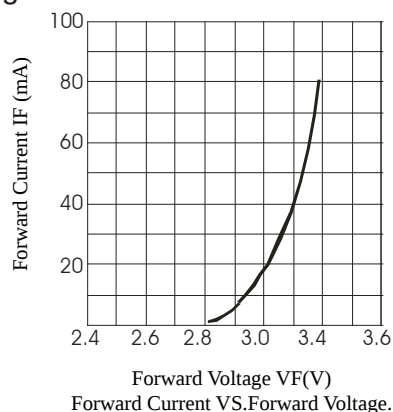


Fig.3

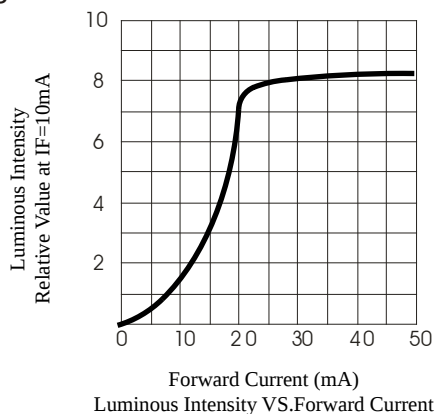
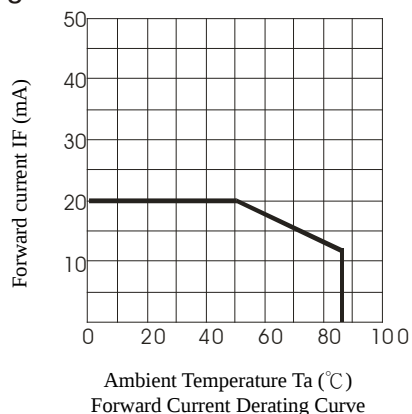


Fig.4



LED working lifetime 100,000 hrs
Absolute Maximum Ratings at 25°C