

Product Specification

Number: L-KLS9-D-3911BG-21

Name: 0.39-inch 1-digit green digital tube

Customer: _____

Date: 2026-08-21



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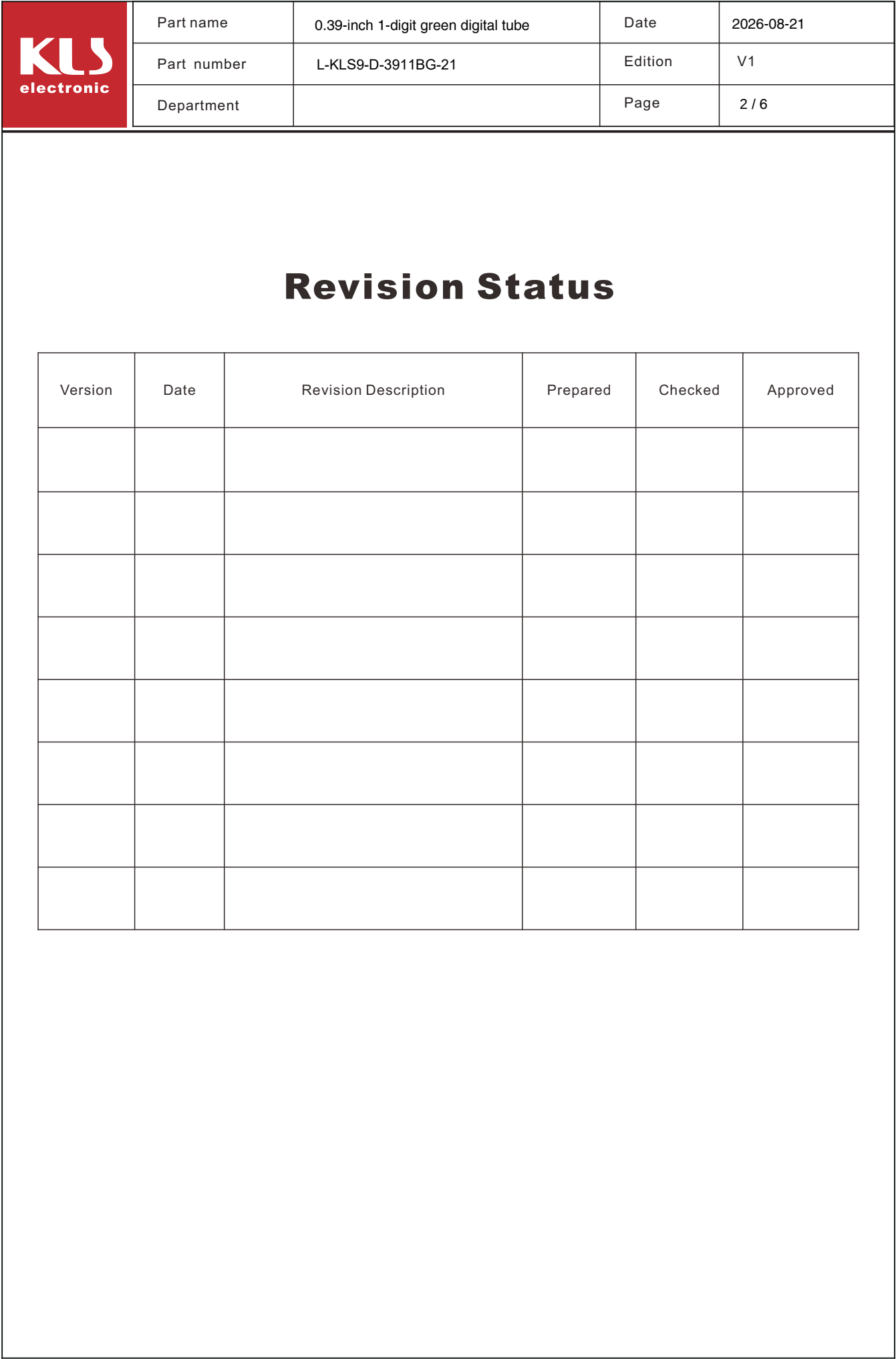
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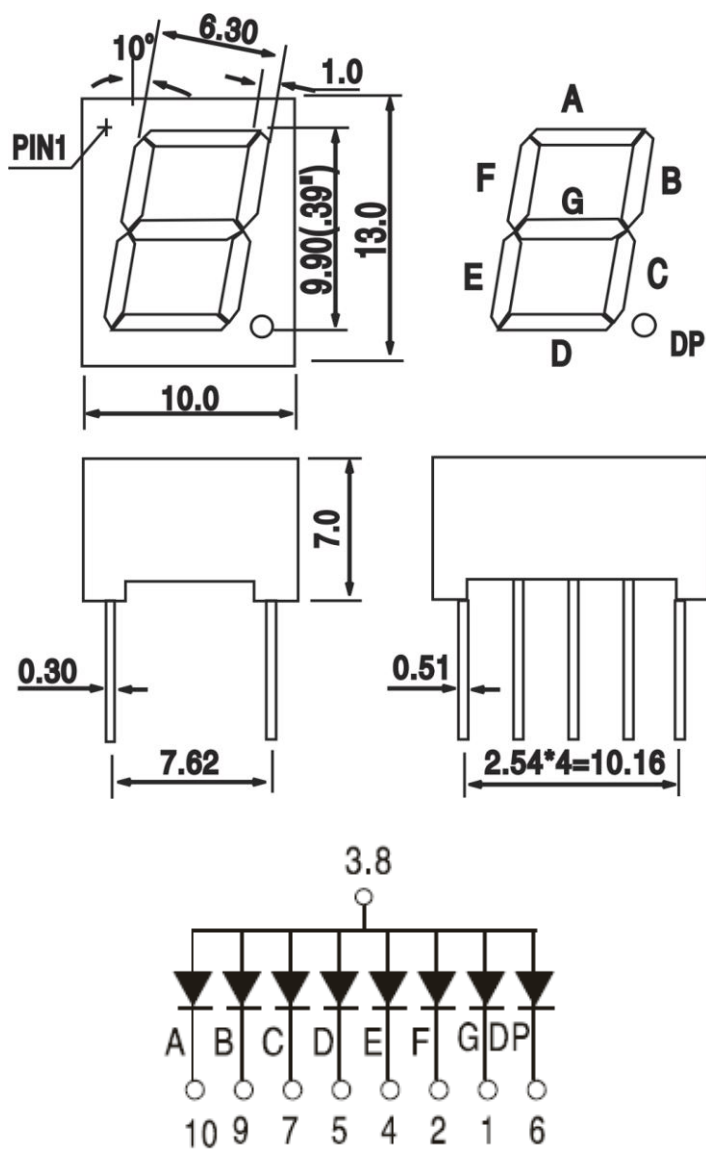
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● 规格描述/Specification Description:

8 字高 /height	位数 Pin count	极性 configuration	颜色 /Color	总点数 /Number of lamps	表面颜色 /Surface color	胶体颜色 /Epoxy color	备注 /remarks
0.39inch	1	common anode	/green	8	/ gray	/white	

: X X /Package dimension& Internal circuit diagram:

L x W x H 10.0X 13.0 X 7.0 mm



mm; $\pm 0.25\text{mm}$

Explain: All dimensions in the drawing are in mm;
The dimension error range without marked error range is $\pm 0.25\text{mm}$;

- ② 引脚外露长度为 $6.6 \pm 0.5\text{mm}$ 。
The exposed length of the pins is $6.6 \pm 0.5\text{mm}$

/Photoelectric parameter Ta=25

performance parameter	Symbol	Test conditions	Min	Base value	Max	unit
Forward voltage	V _f	20mA	1.8	_____	2.1	V
Reverse current	I _r	V _F =5V	_____	_____	10	uA
Luminous intensity	I _v	20mA	70	_____	84	mcd
Dominant wavelength	λ	20mA	570	—	572	nm

/Limit parameter Ta=25

parameter	Symbol	Min	Max	unit
* Forward pulse current *	I _{fp}	_____	70	mA
Reverse voltage	V _r	_____	5	V
working temperature	T _{opr}	-20	80	
Storage temperature	T _{stg}	-25	85	
Power waste	P _d	_____	75	mW

***Exp: pulse width:10ms Duty Cycle 1/10**

*** : :10ms 1/10**

Storage and transportation

Digital electronic products should be well protected against moisture

LED Mechanical vibration and impact shall be minimized during transportation or transmission; Handle with care during handling. Do not stack too high and do not put too heavy objects on it to avoid crushing the LED

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The number is a static sensitive device. When storing the printed circuit board or the whole machine with static sensitive devices, anti-static measures should also be taken

Digital welding conditions

60W

260

3

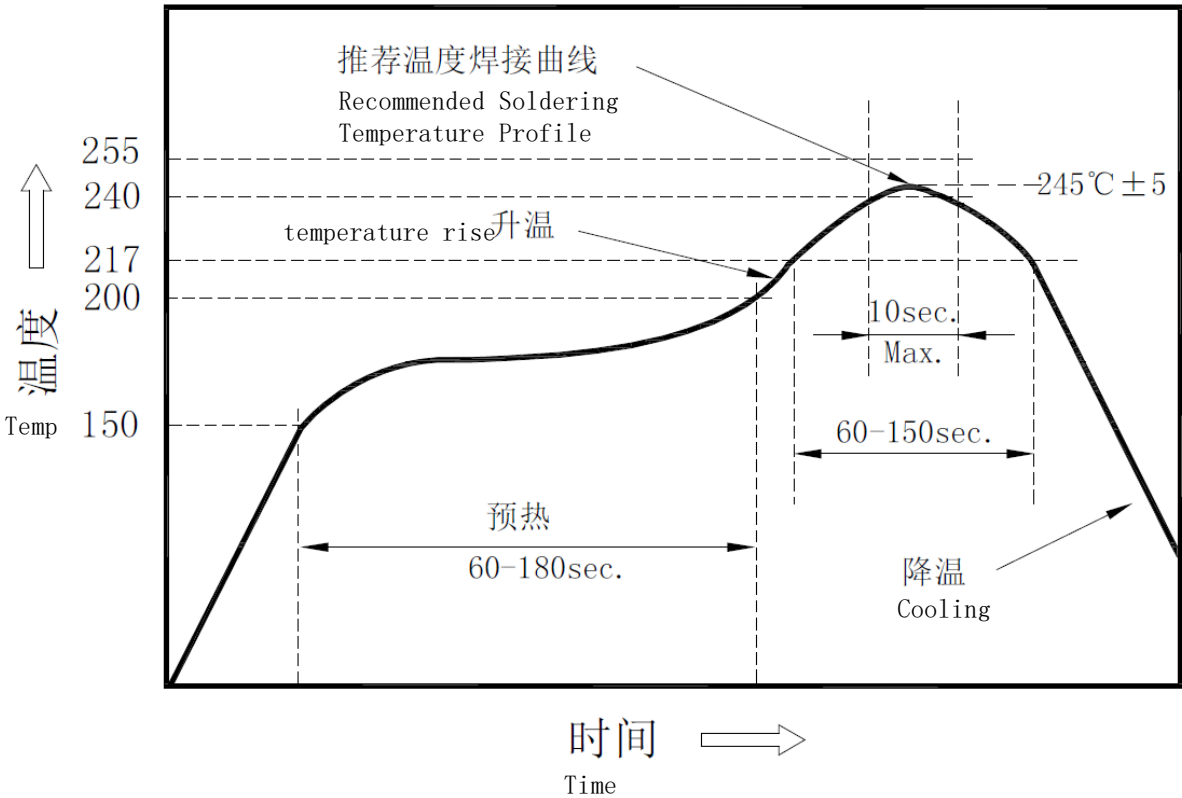
Soldering iron welding:
the tip temperature of the soldering iron (60W at most) shall not exceed 260 ; Welding time shall not exceed 3 seconds

:

260

2

Wave soldering: the maximum temperature shall not exceed 260 ; Reflow process shall not exceed twice



Cleaning

3

Special care must be taken when cleaning the colloid with chemicals, because some chemicals may damage the colloid surface and cause discoloration, such as trichloroethylene, acetone, etc. Wipe and soak with ethanol for no more than 3 minutes at room temperature

Precautions for use:

It is recommended to use constant current, and uneven brightness will occur under constant voltage control

The product shall not be stored and used under corrosive gas, and shall not be exposed to air for too long, otherwise it will lead to oxidation.

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All equipment and instruments in contact with digital must be grounded.

HBM<1000V

<100V

All personnel in contact with numbers must wear anti-static wrist strap or anti-static gloves; Because the human body discharge mode HBM is less than 1000V during use; Machine discharge mode<100V.

If the digital is damaged by static electricity, it will show some bad characteristics, such as increased leakage current, static forward voltage rise, low current test failure or abnormal lighting, and shortened service life.