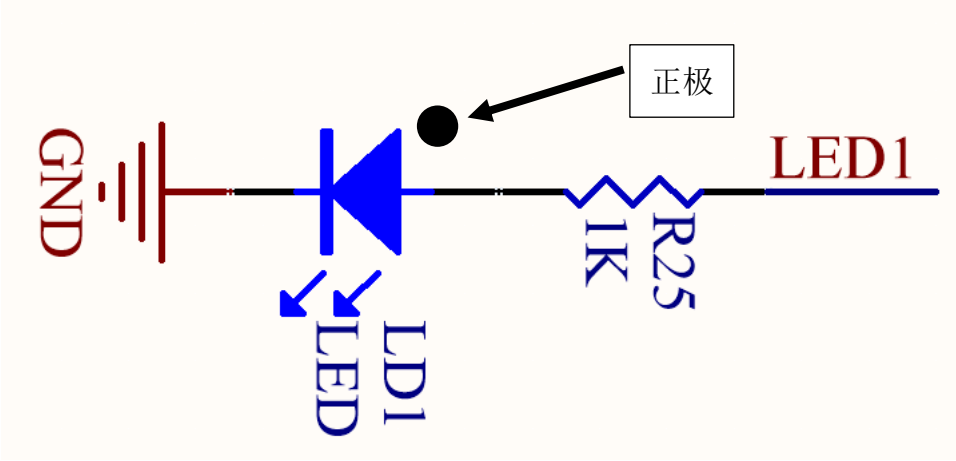


1、LED，印制板带点的一端是正极，如下图所示。



2、D1 这个二极管，印制板上，带有一点的一端，是负极，如下图所示。

- Guard Ring Die Construction for Transient Protection
- Very Low Forward Voltage Drop
- Totally Lead-Free & Fully RoHS Compliant(Note 1 & 2)
- Halogen and Antimony Free."Green" Device(Note 3)
- Case: SOD123
- Case Material: Molded Plastic. UL Flammability Classification Rating 94V-0
- Moisture Sensitivity: Level 1 per J-STD-020
- Terminals: Finish - Lead Free Plating (Matte Tin Finish Annealed over Alloy 42 Leadframe) Solderable per MIL-STD-202, Method 208 @3
- Polarity: Cathode Band
- Weight: 0.01 grams (Approximate)

Top View

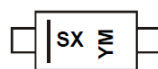
#### Ordering Information (Note 4)

Part Number	Case	Packaging
B130LAW-7-F	SOD123	3000/Tape & Reel

Notes:

- No purposely added lead. Fully EU Directive 2002/95/EC (RoHS) & 2011/65/EU (RoHS 2) compliant.
- See [http://www.diodes.com/quality/lead\\_free.html](http://www.diodes.com/quality/lead_free.html) for more information about Diodes Incorporated's definitions of Halogen- and Antimony-free, "Green" and Lead-free.
- Halogen- and Antimony-free "Green" products are defined as those which contain <900ppm bromine, <900ppm chlorine (<1500ppm total Br + Cl) and <1000ppm antimony compounds
- For packaging details, go to our website at <http://www.diodes.com/products/packages.html>.

#### Marking Information



SX = Product Type Marking Code  
YM = Date Code Marking  
Y = Year (ex: E = 2017)  
M = Month (ex: 9 = September)

3、U05 不焊接。

4、UP01，芯片上下的焊盘不用焊接，两边的焊盘焊上就好。直接焊上去就行。

5、是，沿用。