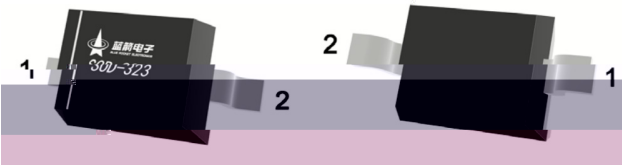


SOD-323  
Silicon Diode in a SOD-323 Plastic Package.

Fast switching diodes,HF Product.

Small signal diode.



PIN1:Cathode      PIN2:Anode

/ Marking

|         |         |         |         |
|---------|---------|---------|---------|
| Model   | BAV19WS | BAV20WS | BAV21WS |
| Marking | HA8     | HT2     | HT3     |

| Parameter | Symbol | Rating  |         |         | Unit |
|-----------|--------|---------|---------|---------|------|
|           |        | BAV19WS | BAV20WS | BAV21WS |      |

# BAV19WS-BAV21WS

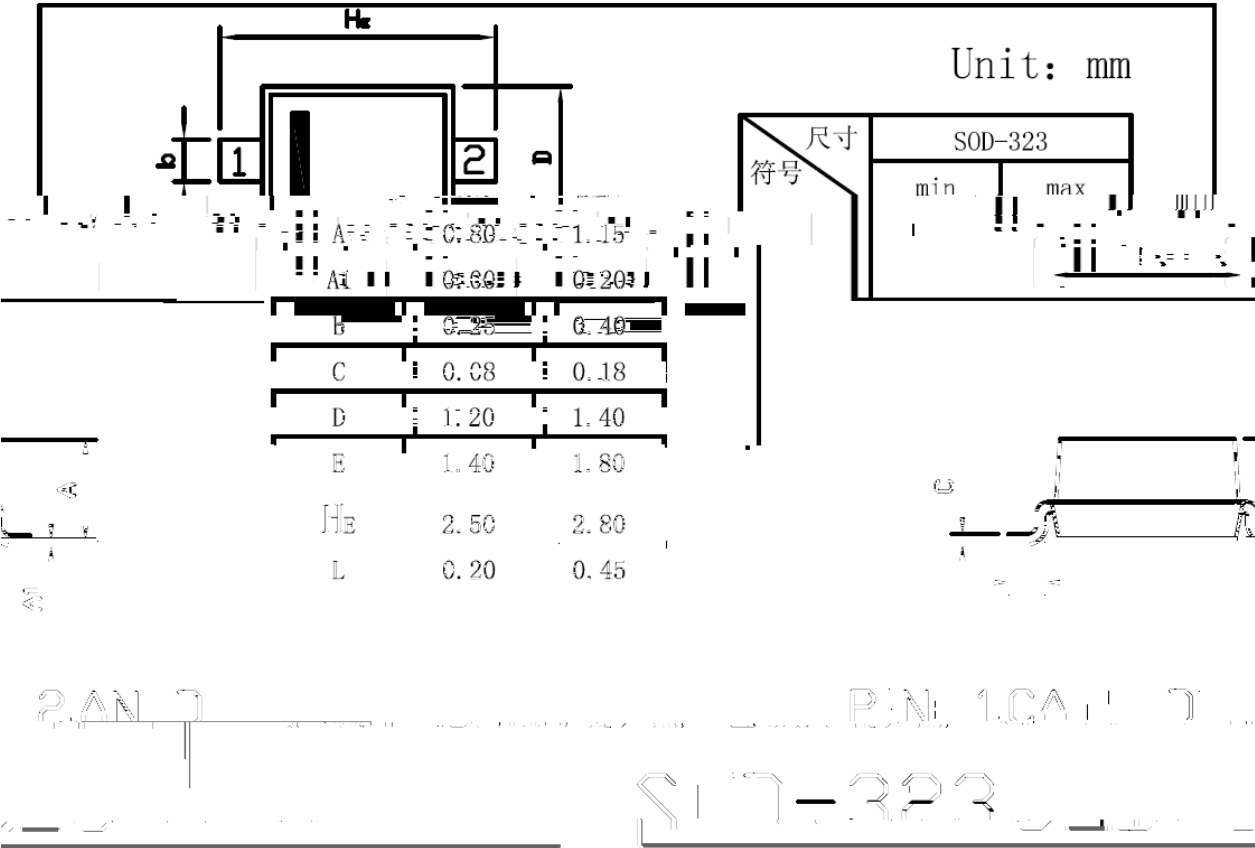
Rev.I Aug.-2025



**蓝箭电子**  
BLUE ROCKET ELECTRONICS

DATA SHEET

/ Package Dimensions



**/ Marking Instructions**



H

A8

Note:

H: Company Code

A8: Product Type Code


**( ) / Temperature Profile for IR Reflow Soldering(Pb-Free)**

|  |
|--|
|  |
|  |
|  |
|  |
|  |
|  |
|  |

Note:

- |   |       |     |           |        |                                         |
|---|-------|-----|-----------|--------|-----------------------------------------|
| 1 | 150   | 180 | 60        | 90sec; | 1.Preheating:150~180 , Time:60~90sec.   |
| 2 | 245±5 |     | 5±0.5sec; |        | 2.Peak Temp.:245±5 , Duration:5±0.5sec. |
| 3 |       | 2   | 10        | /sec.  | 3. Cooling Speed: 2~10 /sec.            |

**/ Resistance to Soldering Heat Test Conditions**

|       |           |             |               |
|-------|-----------|-------------|---------------|
| 260±5 | 10±1 sec. | Temp.:260±5 | Time:10±1 sec |
|-------|-----------|-------------|---------------|

**/ Packaging SPEC.**
**/ REEL**

| Package Type | Units           |                      |                      |                            |                      | Dimension (unit mm <sup>3</sup> ) |           |           |
|--------------|-----------------|----------------------|----------------------|----------------------------|----------------------|-----------------------------------|-----------|-----------|
|              | Units/Reel<br>/ | Reels/Inner Box<br>/ | Units/Inner Box<br>/ | Inner Boxes/Outer Box<br>/ | Units/Outer Box<br>/ | Reel                              | Inner Box | Outer Box |