

/ Descriptions

SOD-123 $\dot{M} \dot{M} \dot{L} \approx g^{\sim} \parallel \uparrow$

Schottky Diode in a SOD-123 Plastic Package.

/ Features

$$H^* \quad b \quad \text{я} \quad \cup \quad | \quad | \quad \tilde{O} \quad \Sigma \quad \boxed{\text{OBJ}} \quad \Gamma \quad b \quad \tilde{O}' \quad \# \quad H \quad \text{я} \quad \dot{\eta} \quad \text{f} \quad \beta$$

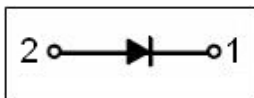
Low positive pressure drop, can ignore the reverse recovery time. HF Product.

/ Applications

$$= g^{\sim} \parallel \neg$$

Schottky diode.

/ Equivalent Circuit



/ Pinning



PIN1:Cathode

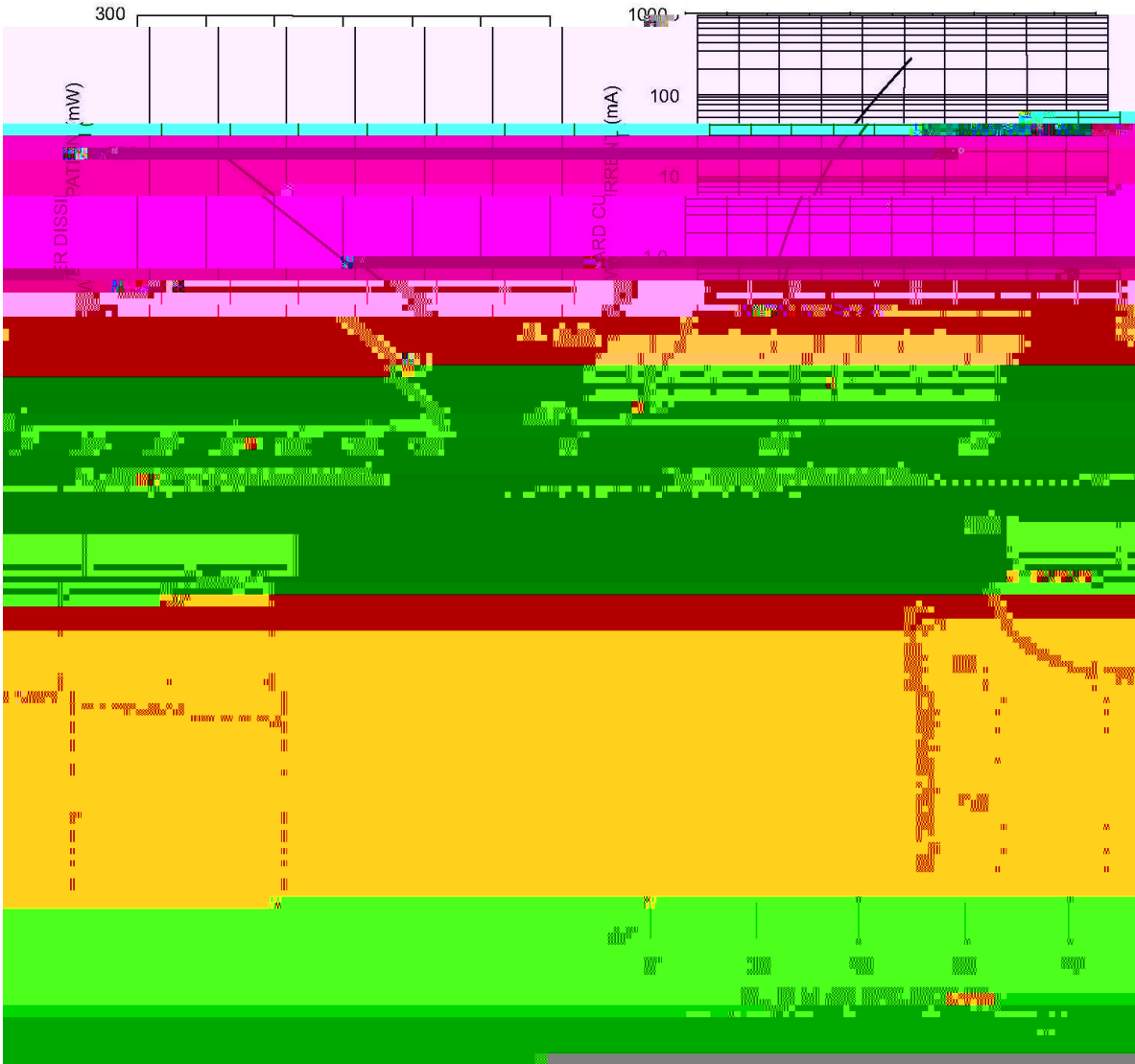
PIN2:Anode

/ h_{FE} Classifications & Marking

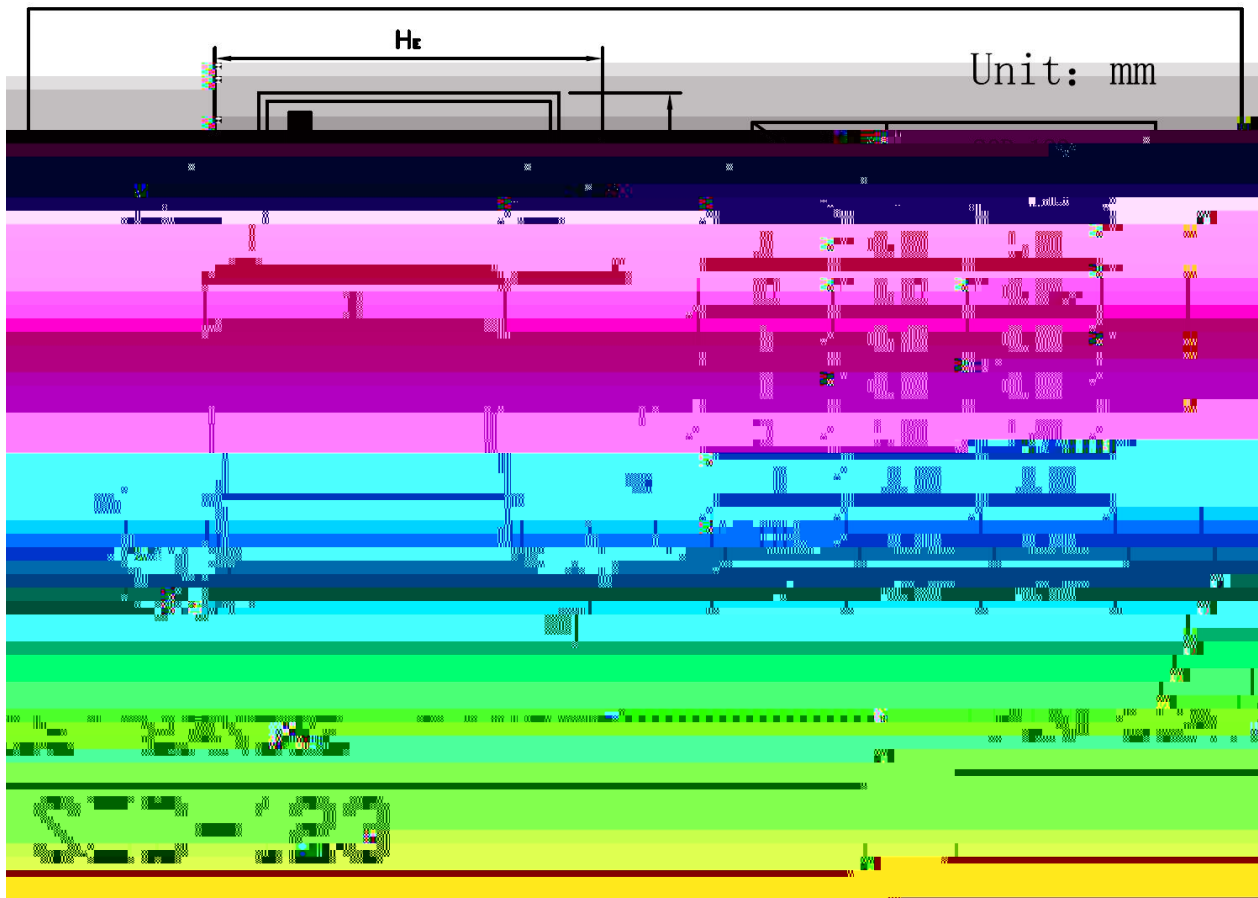
Model	SD103AW	SD103BW	SD103CW
Marking	HS4	HS5	HS6

SD103AW/BW/CW

/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



C 〃 X

K X ㄟ 3 〃 ㄢ

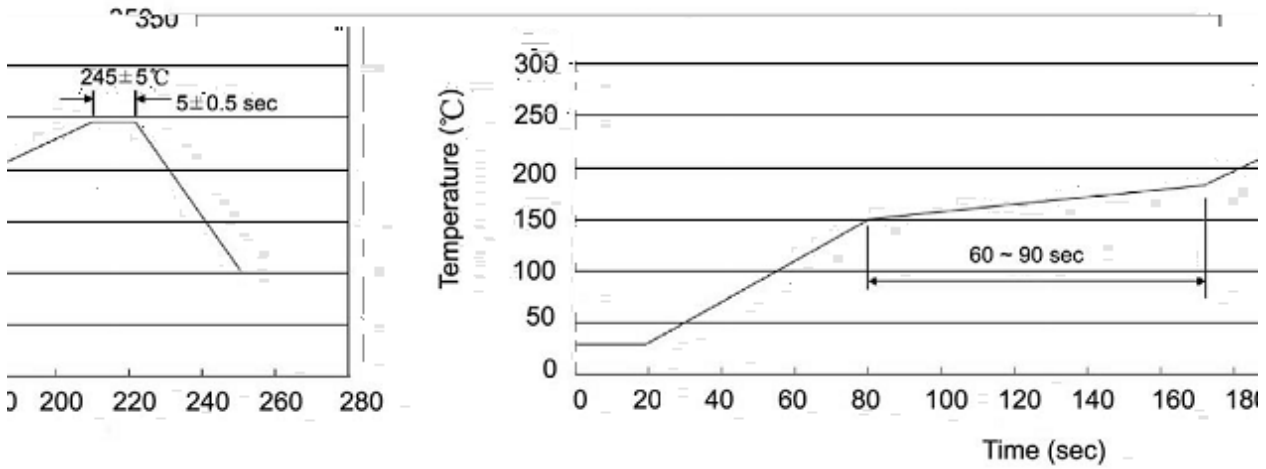
V8 X ㄟ 3 〃 ㄢ

Note:

H: Company Code.

S5: Product Type.

() /



ب " X

1. $150 \sim 180^\circ\text{C}$, Time: 60 ~ 90sec;
2. $245 \pm 5^\circ\text{C}$, Duration: 5 ± 0.5 sec;
3. Cooling Speed: $2 \sim 10^\circ\text{C/sec}$.

Note:

1. Preheating: $150 \sim 180^\circ\text{C}$, Time: 60 ~ 90sec.
2. Peak Temp.: $245 \pm 5^\circ\text{C}$, Duration: 5 ± 0.5 sec.
3. Cooling Speed: $2 \sim 10^\circ\text{C/sec}$.

/ Resistance to Soldering Heat Test Conditions

$260 \pm 5^\circ\text{C}$, Time: 10 ± 1 sec. Temp.: $260 \pm 5^\circ\text{C}$ Time: 10 ± 1 sec

/ Packaging SPEC.

و` γ E / REEL

Package Type	Units					Dimension (unit mm ³)		
	Units/Reel	Reels/Inner Box	Units/Inner Box	Inner Boxes/Outer Box	Units/Outer Box	Reel	Inner Box	Outer Box
SOD-123	3,000	10	30,000	6	180,000	7 × 8	180×120×180	390×385×205

/ Notices