

# ES3AF~ES3JF

Rev.A May.-2025

## 5 Ø / Descriptions

Surface Mount Superfast Recovery Rectifier, Reverse Voltage: 50 to 600V, Forward Current: 3A, SMAF thin package.

## / " / Features

Glass Passivated Chip Junction "Superfast reverse recovery time "Lead free in comply with EU R 2011/65/EU directives " For surface mounted applications, HF Product.

## — ÷ / Applications

General purpose.

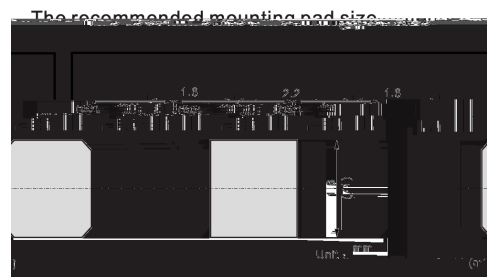
## ^ W ] Ô• / Equivalent Circuit



## Û- æ / Pinning



| PIN | DESCRIPTION |
|-----|-------------|
| 1   | Cathode     |
| 2   | Anode       |



## , M V / Marking

See Marking Instructions.

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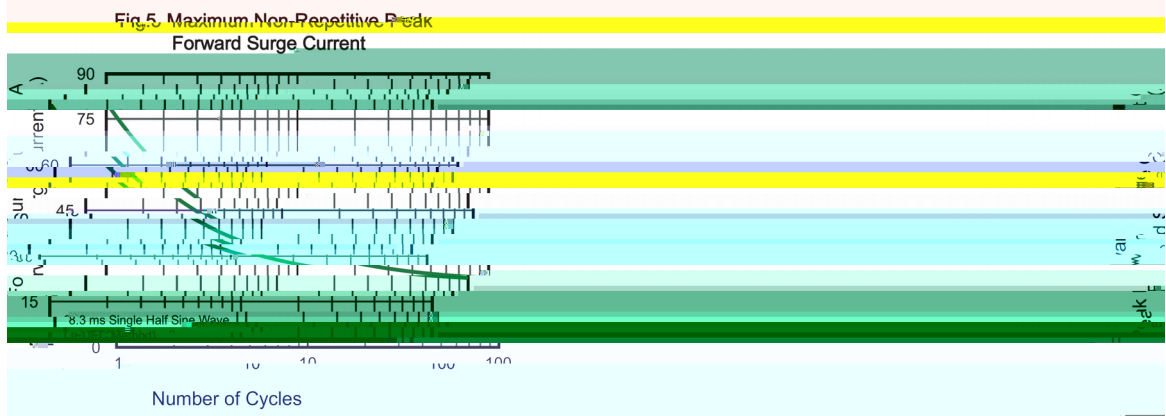
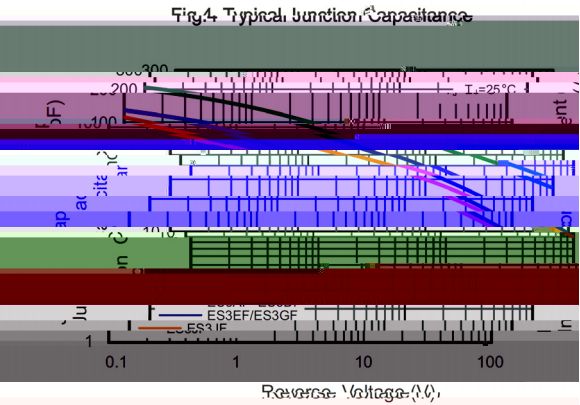
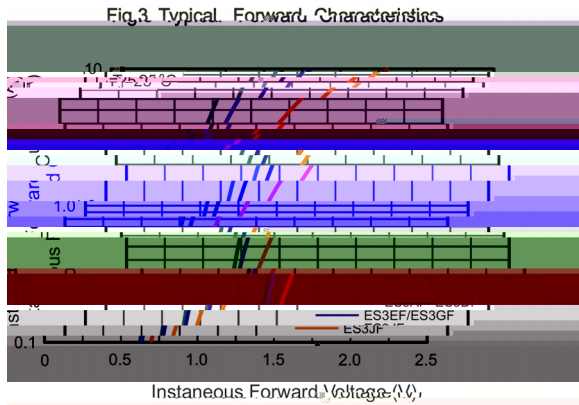
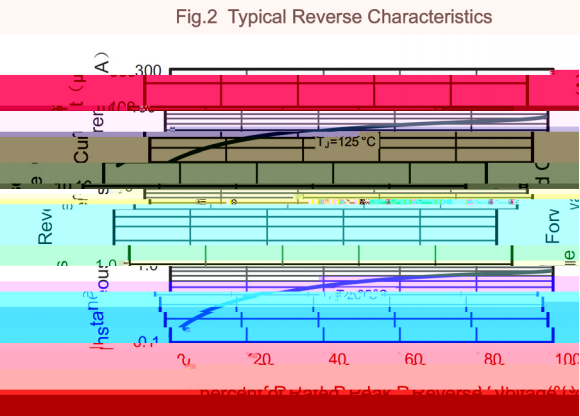
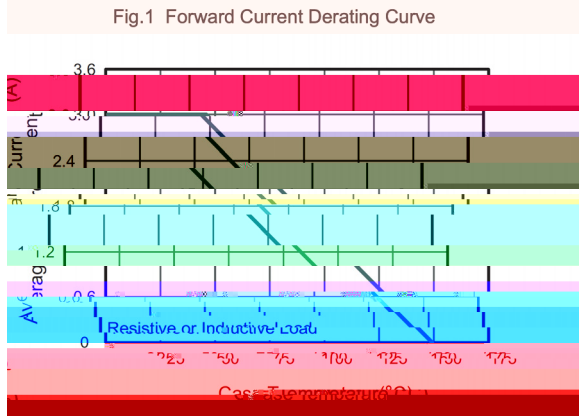
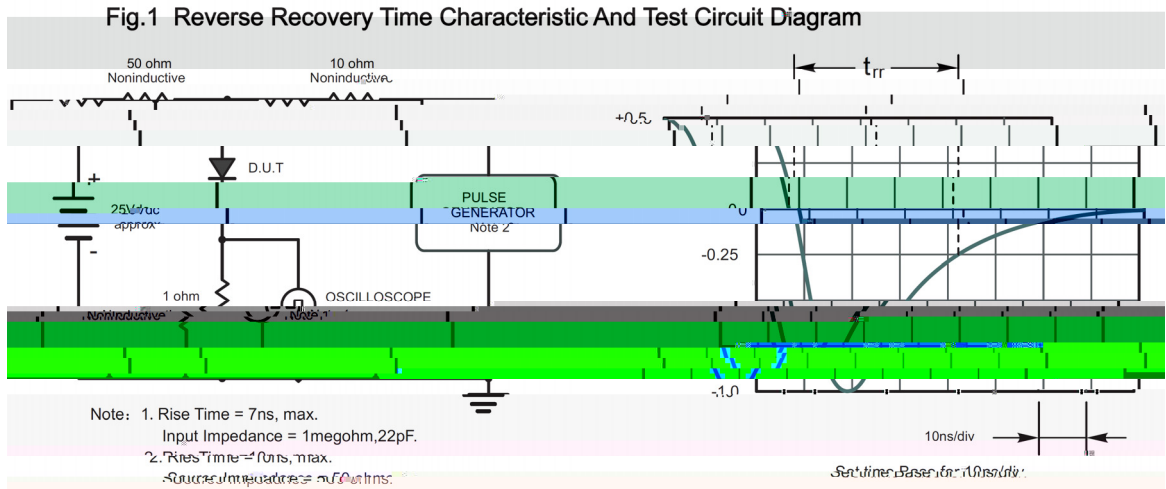


**蓝箭电子**  
BLUE ROCKET ELECTRONICS

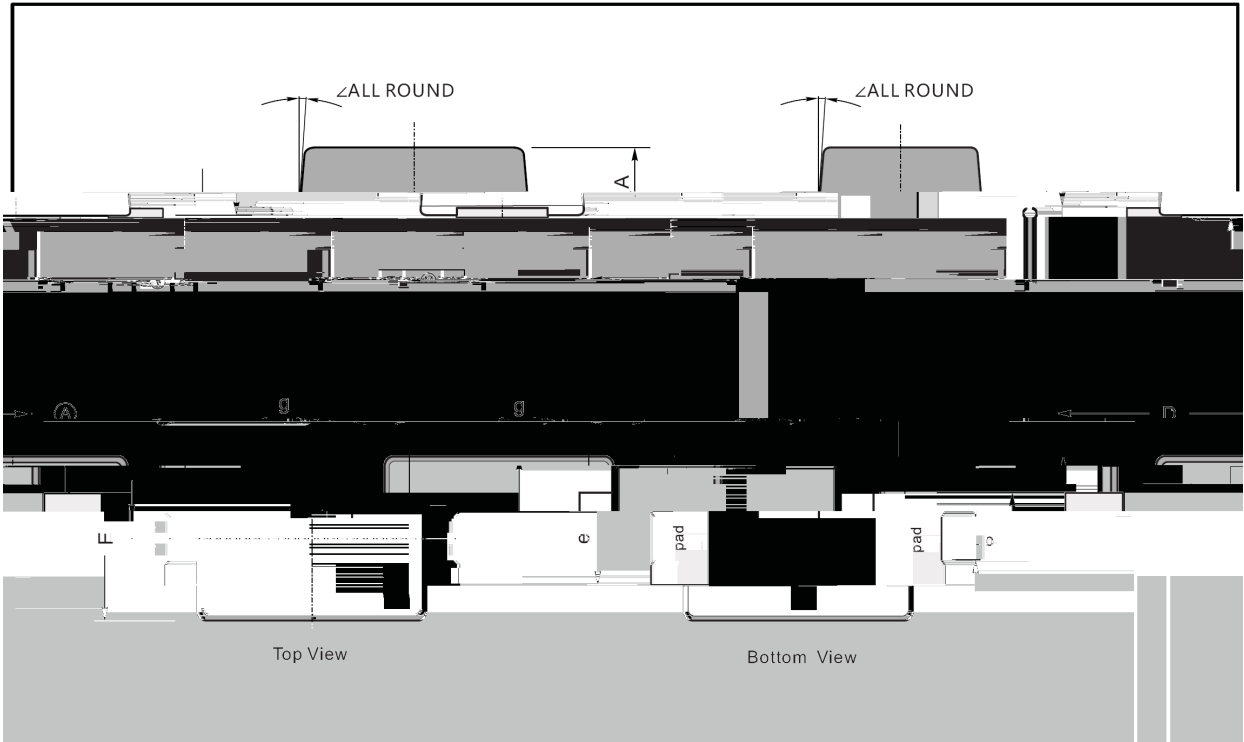
**DATA SHEET**

|  |   |   |        |     |
|--|---|---|--------|-----|
|  | @ | Z | Rating | % y |
|--|---|---|--------|-----|

Electrical Characteristic Curve



Ø/ = ) ¢ / Package Dimensions



| UNIT |      | A   | C    | D   | E   | e   | g    | H <sub>E</sub> | b    | ∠   |
|------|------|-----|------|-----|-----|-----|------|----------------|------|-----|
|      | max  | 1.2 | 0.20 | 3.7 | 2.7 | 1.6 | 1.2  | 4.9            | 1.05 |     |
|      |      |     |      | mm  |     |     |      |                |      |     |
|      | 0.65 |     |      |     | min | 0.9 | 0.12 | 3.3            | 2.4  | 1.3 |
|      |      | 7°  |      |     |     |     |      |                |      |     |
|      | 41   |     |      |     | max | 47  | 7.9  | 146            | 106  | 63  |
|      |      |     |      | mil |     |     |      |                |      |     |
|      | 20   |     |      |     | min | 17  | 17   | 100            | 91   | 51  |



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蓝箭电子  
BLUE ROCKET ELECTRONICS

DATA SHEET

WD t    ¢ ( x / ) / : KSVKXGZ [ XK 6 XULORK LUX / 8 8KLRU ] 9URJKXO

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|  |
|  |
|  |

" ¢ y

1o ~ %o    150 %180 - k    60 %90sec;

2o Q    245 r5 - k    4 Ò    5 r0.5sec;

3o D N ò i ÒO ,    2 %10 - /sec.

Note:

1.Preheating:150~180 - , Time:60~90sec.

2.Peak Temp.:245 r5 - , Duration:5 r0.5sec.

3. Cooling Speed: 2~10 - /sec.

## ˆD /Cª p fl » ] / Resistance to Soldering Heat Test Conditions

605 r5 - ( / -5.7(Packagling)24286(SPEC.( )J/T7 1 Tf03.4485 32.3713 TD.0004 Tc-35.65309:6025130