## / Descriptions

3.0A DBF
3.0A Surface Mount Glass Passivated Bridge Rectifier, DBF thin package.

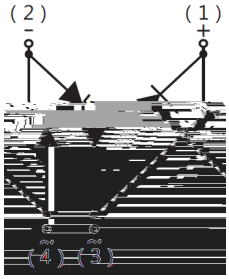
## / Features

50V~1000V 3.0A
Glass passivated chip,High Surge Current Capability,Reverse Voltage :50 to 1000V,Forward Current: 3.0A, Designed for Surface Mount Application,HF product.

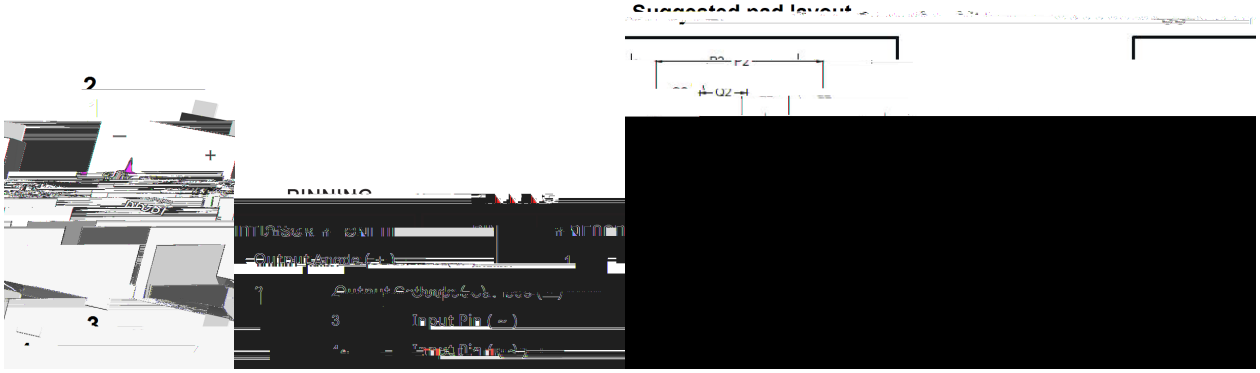
## / Applications

General purpose.

## / Equivalent Circuit




## / Pinning

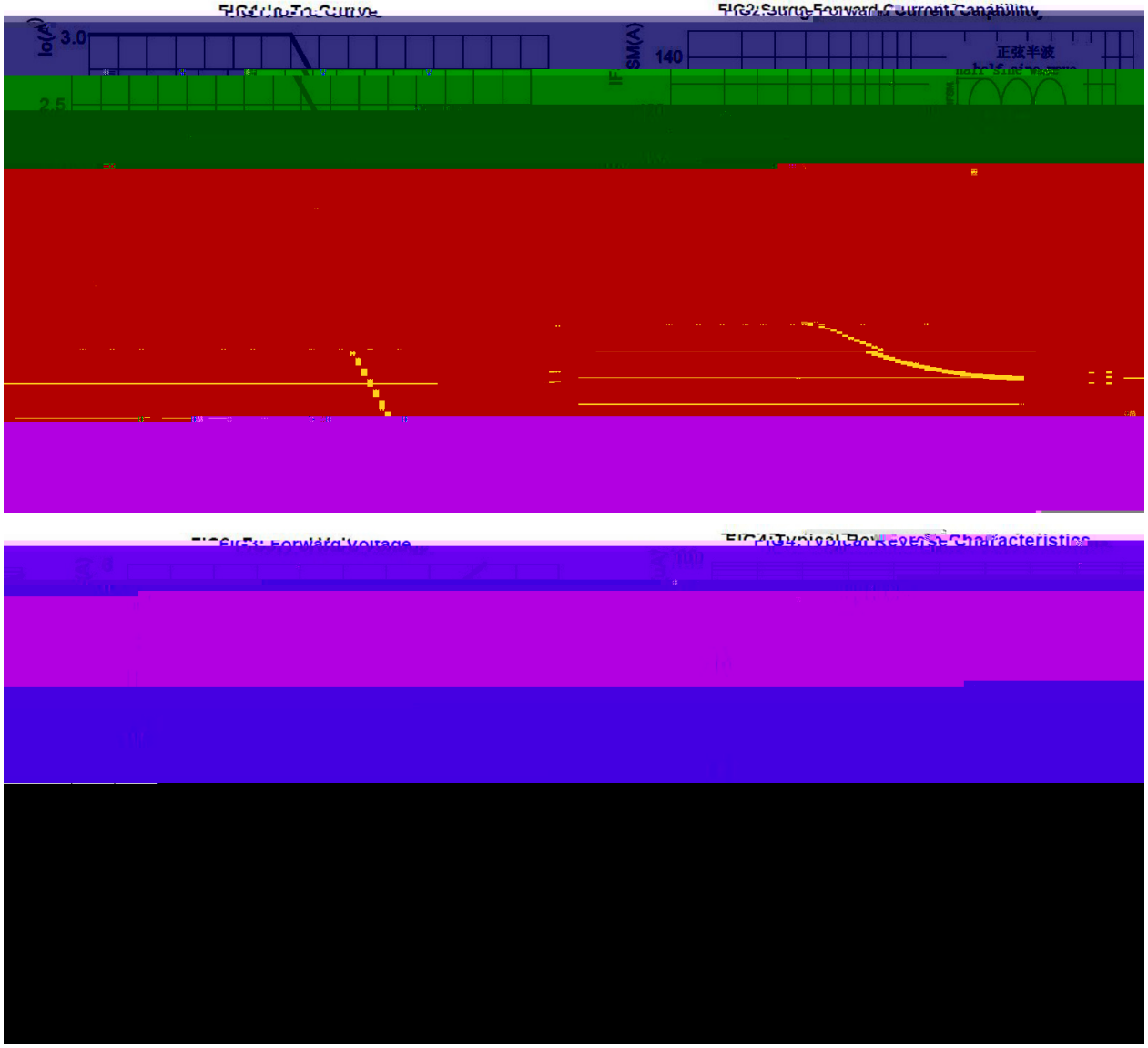


## / Marking

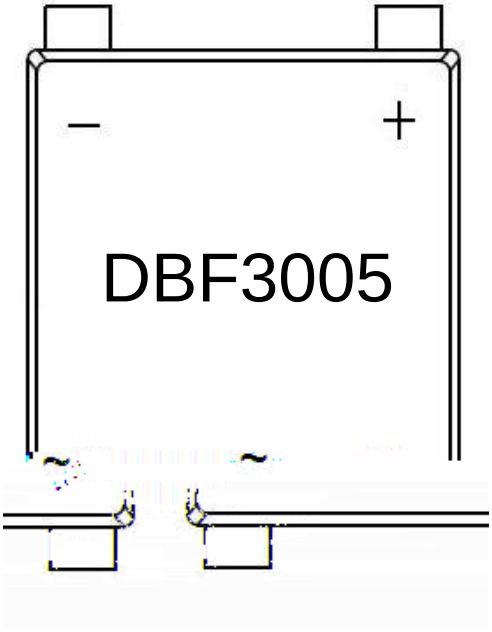
See Marking Instructions.

| Parameter | Symbol | Rating | | | | | | | Unit |
|---|---|---|---|---|---|---|---|---|---|
| | | DBF3005 | DBF301 | DBF302 | DBF304 | DBF306 | DBF308 | DBF310 | |
| Maximum Repetitive Peak Reverse Voltage | $V_{RRM}$ | 50 | 100 | 200 | 400 | 600 | 800 | 1000 | V |
| Maximum RMS Voltage | $V_{R(RMS)}$ | 35 | 70 | 140 | 280 | 420 | 560 | 720 | V |
| Maximum DC Blocking Voltage | $V_{DC}$ | 50 | 100 | 200 | 400 | 600 | 800 | 1000 | V |

## / Electrical Characteristic Curve



## / Marking Instructions




DBF3005

Note:

DBF3005 Product Type

## Marking

| Type number | Marking code |
|---|---|
| DBF3005 | DBF3005 |
| DBF301 | DBF301 |
| DBF302 | DBF302 |
| DBF304 | DBF304 |
| DBF306 | DBF306 |
| DBF308 | DBF308 |
| DBF310 | DBF310 |

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

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|---|
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Note:

1 150 180 60