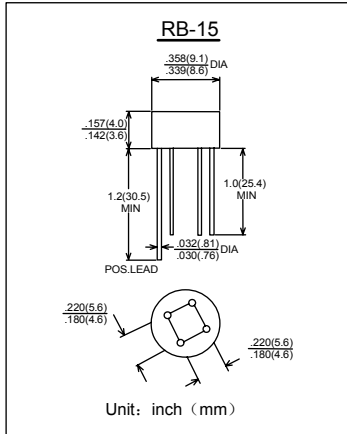


塑封硅整流桥堆
反向电压 50 ---1000 V
正向电流 1.5 A

Single-phase Silicon Bridge Rectifier
Reverse Voltage 50 to 1000 V
Forward Current 1.5 A



特征 Features

- 低的反向漏电流 Low reverse leakage
- 浪涌承受能力: 40 A Surge overload rating:40 Amperes peak
- 高温焊接保证 High temperature soldering guaranteed:
250°C/10 秒, 0.375" (9.5mm)引线长度。
250°C/10 seconds, 0.375" (9.5mm) lead length,
- 引线可承受5磅 (2.3kg) 拉力。 5 lbs. (2.3kg) tension

机械数据 Mechanical Data

- 封装: 塑料封装 Case: Molded Plastic
- 极性: 同于标记 Polarity: As marked
- 重量: 1.07 克 Weight: 1.07 Grams

极限值和温度特性 TA = 25°C 除非另有规定。

Maximum Ratings & Thermal Characteristics Ratings at 25°C ambient temperature unless otherwise specified.

| | 符号 Symbols | W005 | W01 | W02 | W04 | W06 | W08 | W10 | 单位 Unit |
|---------------------------------------------------------------------------------|-----------------------------------|--------------|-----|-----|-----|-----|-----|------|------------|
| 最大可重复峰值反向电压 Maximum repetitive peak reverse voltage | V _{RRM} | 50 | 100 | 200 | 400 | 600 | 800 | 1000 | V |
| 最大均方根电压 Maximum RMS voltage | V _{RMS} | 35 | 70 | 140 | 280 | 420 | 560 | 700 | V |
| 最大直流阻断电压 Maximum DC blocking voltage | V _{DC} | 50 | 100 | 200 | 400 | 600 | 800 | 1000 | V |
| 最大正向平均整流电流 Maximum average forward rectified current | I _{F(AV)} | 1.5 | | | | | | | A |
| 峰值正向浪涌电流 8.3ms单一正弦半波 Peak forward surge current 8.3 ms single half sine-wave | I _{FSM} | 40 | | | | | | | A |
| 最大反向峰值电流 @TA = 75°C Maximum peak reverse current full cycle | I _{R(AV)} | 30 | | | | | | | μA |
| 典型热阻 Typical thermal resistance | R _{θJA} | 45 | | | | | | | °C/W |
| 工作结温和存储温度 Operating junction and storage temperature range | T _J , T _{STG} | -50 --- +150 | | | | | | | °C |

电特性 TA = 25°C 除非另有规定。

Electrical Characteristics Ratings at 25°C ambient temperature unless otherwise specified.

| | 符号 Symbols | W005 | W01 | W02 | W04 | W06 | W08 | W10 | 单位 Unit |
|--------------------------------------------------------------------|----------------|-----------|-----|-----|-----|-----|-----|-----|------------|
| 最大正向电压 I _F = 1.0A Maximum forward voltage | V _F | 1.0 | | | | | | | V |
| 最大反向电流 TA= 25°C Maximum reverse current TA=100°C | I _R | 10 500 | | | | | | | μA |
| 典型结电容 V _R = 4.0V, f = 1MHz Type junction capacitance | C _j | 25 | | | | | | | pF |

特性曲线 Characteristic Curves

