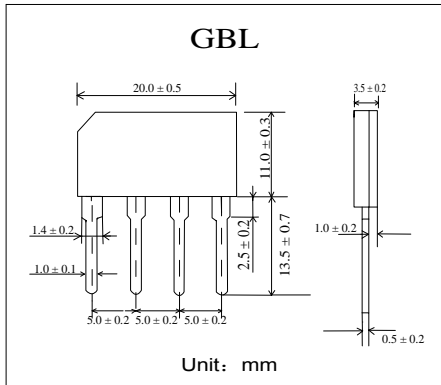


塑封硅整流桥堆
反向电压 200---800V
正向电流 1.5A

Single-phase Silicon Bridge Rectifier
Reverse Voltage 200 to 800 V
Forward Current 1.5A



特征 Features

- 反向漏电流低 Low reverse leakage
- 正向浪涌承受能力较强 High forward surge capability
- 浪涌承受能力: 80 A Surge overload rating: 80 Amperes peak
- 引线和管体皆符合RoHS标准。
Lead and body according with RoHS standard

机械数据 Mechanical Data

- 封装: 塑料封装 Case: Molded Plastic
- 极性: 标记模压或印于本体 Polarity: Symbols molded or marked on body
- 安装位置: 任意 Mounting Position: Any

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 | D2SB20 | D2SB40 | D2SB60 | D2SB80 | 单位 Unit |
|---|-----------------|-------------|--------|--------|--------|------------|
| 最大可重复峰值反向电压 Maximum repetitive peak reverse voltage | V_{RRM} | 200 | 400 | 600 | 800 | V |
| 最大均方根电压 Maximum RMS voltage | V_{RMS} | 140 | 280 | 420 | 560 | V |
| 最大直流阻断电压 Maximum DC blocking voltage | V_{DC} | 200 | 400 | 600 | 800 | V |
| 最大正向平均整流电流 TC = 100°C 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} | 80 | | | | A |
| 典型热阻 Typical thermal resistance | $R_{\theta JA}$ | 47 | | | | °C/W |
| 工作结温和存储温度 Operating junction and storage temperature range | T_j, T_{STG} | -55--- +150 | | | | °C |

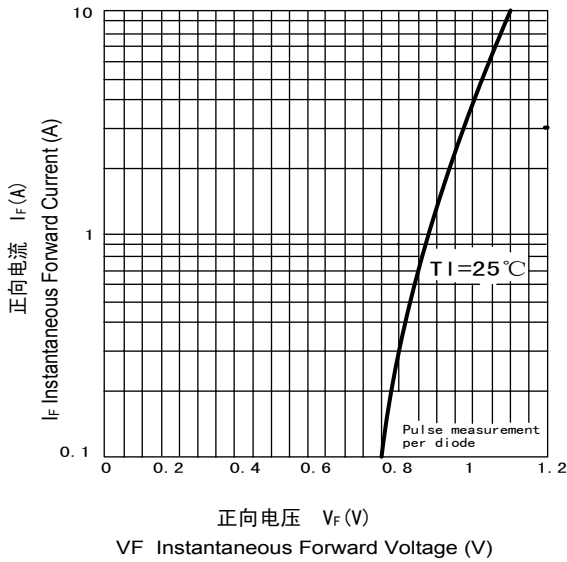
电特性 TA = 25°C 除非另有规定。

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

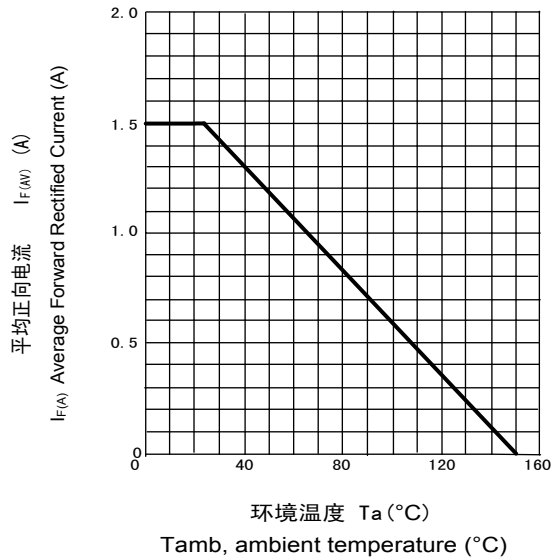
| | 符号 Symbols | D2SB20 | D2SB40 | D2SB60 | D2SB80 | 单位 Unit |
|---|---------------|-----------|--------|--------|--------|------------|
| 最大正向电压 $I_F = 0.75A$ Maximum forward voltage | V_F | 1.05 | | | | V |
| 最大反向电流 Maximum reverse current | I_R | 10 500 | | | | μA |
| 典型结电容 $V_R = 4.0V, f = 1MHz$ Type junction capacitance | C_j | 40 | | | | pF |

特性曲线 Characteristic Curves

正向特性曲线 (典型值)
TYPICAL FORWARD CHARACTERISTIC



正向电流降额曲线
FORWARD CURRENT DERATING CURVE



浪涌特性曲线 (最大值)
MAXIMUM NON REPETITIVE
PEAK FORWARD SURGE CURRENT

